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DOCUMENT PROCESSING SHEET

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DATA PROCESSING DIVISION USAFETAC Air Weather Service (MAC)

EVISED UNIFORM JUMMARY C SURFACE WEATHER OBSERVATIONS

WHEELER AFB HI

N 21 29 W 158 02 FLD ELF V 840 FT

TUUT

WBAN# 22508

WMO # 91170

PARTS A-F

POR FROM HOURLY OBS: AUG (7 - DEC 70, JAN 73 - JUL 79

POR FROM DAILY OBS : APR 64 - JUL 79

TIME CONVERSION FROM GMT TO LST: -10

JAN 1 1 1980

Approved for public release; distribution unlimited

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FOR THE COMMANDER

WALTER S. BURGMANN O Scientific & Technical Information Officer

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9 PERFORMING ORGANIZATION	NAME AND ADDRESS	10 PROGRAM ELEMENT PROJECT TASK APEA & MORK UNIT NUMBERS
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17 DISTRIBUTION STATEMENT / 18 SUPPLEMENTARY NOTES This supersedes AD- 19 KEY #ORCS (Continue on texes *RUSSWO Snowfall	-A074 677 To side II necesser, and identity by block number of the street snow depth	nt from Report) Atmospheric pressure Extreme surface winds
17 DISTRIBUTION STATEMENT / 18 SUPPLEMENTARY NOTES This supersedes AD- *RUSSWO Snowfall Climatology	-A074 677 So side II necesser, and identity by block nor Daily temperature Extreme snow depth Sea-level pressure	nt from Report) Atmospheric pressure Extreme surface winds Psychrometric summary
This supersedes AD- *RUSSWO Snowfall Climatology Surface Winds Relative humidity	-A074 677 -A074 677 -Active II necesser, and identity by block number of the same of the	nt from Report) Atmospheric pressure Extreme surface winds Psychrometric summary Ceiling versus visibility (aver)
18 SUPPLEMENTARY NOTES This supersedes AD- *RUSSWO Snowfall Climatology Surface Winds Relative humidity 20 ABSTRACT (Continue on rever	-A074 677 -A074 677 -August 1 necesser, and identity by block number of the state	Atmospheric pressure Extreme surface winds Psychrometric summary Ceiling versus visibility (over)
18 SUPPLEMENTARY NOTES This supersedes AD- *RUSSWO Snowfall Climatology Surface Winds Relative humidity 20 ABSTRACT (Continue or reverse) This report is a six- Wheeler AFB, Wahi	-A074 677 -A074 677 -Augusta and identity by block number of the ebstract entered in Block 20, 11 difference of the entered in Block 20, 11 difference and identity by block number of the entered in Block 20, 11 difference and in Block 20, 11	Atmospheric pressure Extreme surface winds Psychrometric summary Ceiling versus visibility (over) surface weather observations for
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This supersedes AD- *RUSSWO Snowfall Climatology Surface Winds Relative humidity This report is a six- Wheeler AFB, Wahi It contains the follow (B) Precipitation, Snow (C) Surface winds; (D) Summaries (daily maxim temperatures, psychron	-A074 677	Atmospheric pressure Extreme surface winds Psychrometric summary Ceiling versus visibility (over) surface weather observations for the control of the contro
This supersedes AD- *RUSSWO Snowfall Climatology Surface Winds Relative humidity This report is a six- Wheeler AFB, Wahi It contains the follow (B) Precipitation, Snow (C) Surface winds; (D) Summaries (daily maxim temperatures, psychron	-A074 677	Atmospheric pressure Extreme surface winds Psychrometric summary Ceiling versus visibility (over) surface weather observations for the control of the contro

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* Hawaii

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

*Wheelar AFB, HI

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Deco-

WHEELER AFB HI IS A LIMITED

OBSERVATION STATION FOR THE FOLLOWING

PERIOD OF RECORD:

SEP 65 - JUL 79 17 OBS/DAY

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Uniess otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION SNOWFALL

SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -

[DRY BULB, WET BULB, & DEW POINT]

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summeries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and ere applicable to all summaries prepared from hourly observations.

january <u>0</u> -02	APRIL	JULY	OCTOBER 00-02
FEBRUARY 00-02	MAY	AUGUST .00-02	NOVEMBER
MARCH	JUNE 00-02	SEPTEMBER	DECEMBER

974,76844

STATION	C ON SUMMARY	STATION NAME		LATITUDE LONGITUDE			FIELD ELEV IFT CALL SIGN			WMO NUMP* 8
225	508	WHEELER AFB HAWAII/WAHIAWA		N 2	1 29	W 158 02	840	-+ P:-	h I	911700
		STATION LOCATIO)N A	ND IN	ISTRU	MENT	ATION	HIST	ORY	
NUMBER			TYPE OF	AT THIS (OCATION		LONGITUDE	S.EVAT C	N AFCHE MSL	085 PEP
GF LOCATION		GEOGRAPHICAL LOCATION & NAME	ROITATE	FROM	T0	EDUTITAJ	LONGITUDE	र १,577म	-1 SAPO	DA*
1	Wheeler	AFB Wahiawa Hawaii	1FB	Aug 63	Aug 65	ท 21 29	W 158 72	836 ft	326 ft	15
2	Same		Same	Sep 65	Mar 68	Same	Same	948 ft	Same	17
3	Same		Same	Apr 68	Jul 79	Same	Same	840 ft	Same	17
		,						İ		
\models		Anaga - A			<u> </u>				<u> </u>	
MUMBEP Of	DATE OF	SURFACE WIND	EUUIPAEÄT	TYPE OF	TYPE OF	HT ABGVE	REMAPES AD	CIFICMAL EQUIP	MENT OF PE	ISON FOR CHANGE
LOCATION	CHANGE	LOCATION		TRANSMITT	EP RECORDER					
1	Aug 63	Located 300 ft SW of bldg # (weather station)	207	GMQ-1A	ML 204	16 ft				
2	Aug 65	Located 500 ft SW of bldg # (weather station)	207	GMQ-11	. RO-2	15 ft				
3	Mar 66	Located 300 ft SW of weather	er stn	Same	Same	Same				
4	Jan 71	Same		GMQ-20	1	1				
5	Jul 79	Same		Same	Same	Same				
						Ì				
						1				
<u></u>							1			
HEAR	TAC F091	0.19 (0) 45								

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US AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various-phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drissle - All liquid precipitatiou, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glase) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or hase - Occurrences of smoke, haze, or combinations of smoke and hase are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLUHAL CLIMATOLOGY RPANCH UCAFETAC AI- MEATHER SERVICE/MAC

WEATHER CONDITIONS

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22005 STATION	AMEELEP AFB HI	68-70,73-79	J <u>A`.</u>
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONCITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET		¥ DF : AS WIN: PRECIP.	fog	MOKE AND-OR HAZE	BLOWE-G SNOW	TRUD PO GNA GNAR	% OF OBS WITH OBST TO VISION	101AL NO OF OBS.
JAN	<u> </u>						•			, 			93
	<u> 23-85</u>	· · · · · · · · · · · · · · · · · · ·	15.4				15.4			· 			25
_ 	_ 36-38	<u>. 5</u>	13.1				13.1	2.5	1		·	2.5	855
	29-11	<u>. 4</u> .	13.0	<u> </u>			13.0	1.4	~ <u> </u>		<u> </u>	1.4	6ن 9
	12-14	2	13.7	-			13.7	1.1	2			1.3	986
	15-17	.1	13.5				11.6	. 9	.3		' 	1.2	932
	15-20		11.8				11.8	1.2				: . 1.4	813
	21-23	. 9	10.8				10.0	1.8			<u> </u> 	1.6	455
						<u> </u>	<u> </u>				<u> </u>	<u> </u>	
					_ 		 					<u>:</u> :	
<u> </u>							<u> </u>					<u> </u>	
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TOTALS		. 3	11.2				11.2	1.1	.1			1.2	4956

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WEATHER CONDITIONS

22506 EMEEL R AFB HI STATION NAME

55-72,73-79

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PERCENTAGE FREQUENCY OF OCCUPRENCE OF MEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST:	THUNDER. STORMS	SAIN SO GNA SAISSE	FREEZING RAN & OP DRIZZLE	SNOW AND/OR SLEET	HAR	S OF OSS WITH PRECES	fOG	SMOKE AND OR HAZE	elov:nig Snow	DUST SO CHA SAND	% OF ORS WITH OBST NORW OT	TOTAL NO OF C35.
FEE.	<u> </u>	<u>-</u>		 		·	:						<u>ê\$</u>
	: 23-25			· ·				·				:	5
	36-82	• 3'	14.5			· 	14.5	1.5	• 3			1.8	793
	19-11	. 4	13.6				13.6	1.7	•2			1.9	£45
: 	: 12-14	5	12.9	.ـــــــــــــــــــــــــــــــــــ			12.9	1.7				1.7	546
	15-17	. 4	10.8				12.£	1.4	<u>. </u>	· -	· <u>• 1</u>	1.5	345
	18-23		15.8			<u> </u>	10.5		1		; -	<u> 5</u>	775
	21-23	- -	11.1	<u> </u>	<u></u> .		. 11-1			, <u> </u>		<u>!</u>	941
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TOTALS		.2	9.3				9.2	۶ •	1		0		4635

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WEATHER CONDITIONS

22508 *HEELER AFB HI STATION NA

68-70,73-79

FA.P HINOM

PEPCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	00-02		1.1				1.1						95
	03-05		25.0				25.0						4
 	06-08	1	20•9				20.9	5	.1			.6	879
	09-11		18.5				18,5	. 1				• 1	930
	12-14	.1	12.9				12.9	. 4				. 4	929
 	15-17	3	12.5				12.6	2				• 2	929
 	18-20	2	16.7				16.7	. 2				. 2	880
	21-23		15.7	<u> </u>			15.7	• 6				.6	477
ļ	; 									<u> </u>			
										 			
										<u> </u>			
													
TOTALS		.1	15.4				15.4	. 3	0			• 3	5123

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

WEATHER CONDITIONS

22508 STATION

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MHEELER AFB HI
STATION NAME

68-70,73-79

A P R MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02												96
	03-05		11.1				11.1						9
	80-90	. 4	17.2				17.2	5				• 5	836
	09-11	3	16.0				16.0	. 6				.6	894
	12-14	1.2	13.9				13.9	. 1				•1	893
	15-17	• 6	12.2				12.2	1				.1	894
	16-20	. 4	16.7				16.7	1				.1	330
	21-23	. 2	20.0				20.0						456
 										<u></u>			
TOTALS		.4	13.4				13.4	• 2				.2	4908

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GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

22538

*HEELER AFB HI

68-70,73-79

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	00-02		2.1				2.1						97
	03-05												
	76-08		12.6				12.6	. 8	• 2			1.1	856
	<u> 39-11</u>		11.2				11.2	3	• 3			• 6	926
	12-14	5	10.8				10.8		• 3			. 4	928
	15-17	• 3	11.0		-		11.0	• 4	• 8		· 	1.2	930
	18-20	. 5	12.0				12.0	1.2	. 9			1.9	845
	21-23	. 4	11.7				11.7	6	. 9			1.5	469
		<u> </u>					-						
TOTALS		<u> </u>	10.2				-		• 5				

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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22506 AHEELER AFB HI
STATION STATION NAME

68-70,73-79

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOUPLY OBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	SHOW!HG	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02												9.0
	03-05		14.3				14.3	·					7
	06-98		16.4				16.4	• 6	•2			. 8	836
	09-11		11.8				11.8		• 3			.3	596
	12-14	.3	10.3				10.3	.2	7			, 9	897
	15-17	. 2	6.9				6.9		7			. 7	896
	18-20		9.4				9.4	.2				1.0	823
	21-23		15.5				15.5	• 2	. 9			1.1	446
	<u> </u>	<u> </u>						! 					
	-												
			ļ										
TOTALS		.1	10.6				10.6	• 2	. 4			• 6	4891

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIF MEATHER SERVICE/MAC

WEATHER CONDITIONS

22538	#HEELER AFB HI	68-70,73-79	JUL
STATION	STATION NAME		HINOM
SIAHON	STATION NAME	YEARS	MORIN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (LST)	THUNDEP- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	ЗАН	% OF OBS WITH PECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUL	30-32		4.0				4.0						100
	03-05		14.3				14.3						7
	06-08		12.9				12.9	<u>•</u> 5				• 5	854
	39-11		10.2				10.2	3				• 3	<u>°27</u>
	12-14		6.9				5.9						926
	15-17		7.8				7.8	- 1	• 2			.3	922
	18-20		10.4				16.4						827
	21-23	<u> </u>	17.0		 		17.0	. 2				•2	453
		ļ 	<u> </u>				<u> </u>						
	<u> </u>	<u> </u>	<u> </u>	<u> </u>									
			<u> </u>										
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WEATHER CONDITIONS

22505	*HEELER AFB MI	67-70.73-78	AUG
STATION	STATION NAME	YEARS	MONTH
•			

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOUPLY OBSERVATIONS

нтиом	HOURS (L S.T)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	* OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	20-02						<u> </u>						124
	<u> 23-05</u>		20.0				20.0						10
	26- <u>0</u> 8		12.3				12.3	. €				. 8	879
	39-11	1	11.3				11.3	• 5				.5	930
	12-14		6.8				6.8			 			930
	15-17		4 . 2				4.2						929
	18-20		6.0				6.0						850
	21-23		12.7				12.7						489
 -													
TOTALS			9.2				9.2	• 2				. 2	5141

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE CISCULTE

SLOBAL CLIMATOLOGY BPANCH USAFETAC AIP WEATHEP SERVICE/MAC

2

WEATHER CONDITIONS

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The state of the s

22518	AMEELER AFS HI STATION NAME	67-70,73-78	SEP
STATION		YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (LSf)	THUNDER. STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FÓG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02				-								1,25
	03-05												2
	26-08		8.1				8.1	• 1	.4			• 5	842
 	09-11		7 • 8				7.8		. 3			. 3	859
	12-14	1.0	6.8				6.6		 				898
	15-17	. 9	8 • 3				8 • 3						899
	18-20	• 4	7.6				7.6	. 1					824
	21-23	. 4	8 • 8				8 • 8						466
		l 			·								
				<u> </u>	!		ļi						
												<u> </u>	······································
TOTALS	<u> </u>	. 3	5.9				5.9	• 0	.1		<u> </u>	1	4956

USAFETAC $^{\rm FOL.^{\circ}}_{\rm JRY\,64}$ 0-10-5(OL. A), previous editions of this form are discrete

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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WEATHER CONDITIONS

22508	AHEELER AFB HI	67.70,73-78	301
STATION	STATION NAME	/EARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOUPLY OBSERVATIONS

нтиом	HOURS (LST)	THUNDER- STORMS	RAIN MD/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
027	60-62												124
·	3 2-05												3_
	36-08	• 2	8•4				<u>5.4</u>	. 8	•2			1.0	866
	39-11	. 1	7.2				7.2	3	•5			.9	930
	12-14	. 8	9.7				9.7	1	8			. 9	930
	15-17	1.0	10.2				10.2	. 2	1.1			1.2	930
	18-20	, 4	10.3				10.3	. 4	1.1			1.4	831
	21-23		8.9				8.9		. 4			-4	459
					<u> </u>		-						
							-						
													
TOTALS	 	.3	6.8				6.8	• 2	•5			.7	5073

USAFETAC FORM 0-10-5[OL A], HEYIOUS EDITIONS OF THIS PORM ARE OSSOLETE

GLCPAL CLIMATOLOGY BRANCH USAFETAC AIP MEATHEP SERVICE/MAC

2

WEATHER CONDITIONS

22500 ,	MHEELER AFB HI	67-70,73-78	NOV
STATION	STATION NAME	YEARS	MONTH

PEPCENTAGE FREQUENCY OF OCCURRENCE OF *EATHER CONDITIONS FROM HOUPLY OBSERVATIONS

нтиом	HOURS (LST.)	THUNDER- STORMS	RAIN AND, OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NG/	00-02	8.	1.6				1.6						124
	03-05		33.3				33.3						
	26~ <u>6</u> 8	. 4	13.3				13.3	1.4				1.4	830
	39-11		12.9				12.9	1.2				1.2	885
	12-14	• 5	13.7				13.7	1.5				1.5	386
	15-17	1.0	13.6				13.6	• 9				.9	380
	18-20	6	16.0				16.0	. 3	.1			.9	781
	21-23	.7	15.5				15.5	1.3				1.3	445
													
TOTALS		. 5	15.0				15.0	. 9	• 5			.9	4837

USAFETAC $\frac{\text{FORM}}{\text{JAY 64}}$ 0-10-5(0%, A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP *EATHER SERVICE/MAC

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C

WEATHER CONDITIONS

ZZ 5. JB STATION	MHEELER AFB HI STATION NAME	67-70,73-78 YEARS
---------------------	-----------------------------	----------------------

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHEP CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/CR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC_	00-02		2 • 2				2.2						137
	03-05		30•C				30.0						20
	<u> </u>	.1	15.0				15.0	2.2				2.2	828
	59-11	. 2	15.4				15.4	1.5	•6			1.8	388
	12-14		13.0				13.0	. 9	. 3			1.3	870
	15-17	.2	15.2				15.2	1.3		<u> </u>		1.3	856
	18-20		12.2				12.2	1.4	• 1			1.5	740
	21-23		15.2				15.2	1.0	. 3			1.3	388
	ļ !												
TOTALS		.1	14.8				14.8	1.0	• 2			1.2	4727

USAFETAC RAY 64 0-10-5(OL A), previous editions of this form are obsolute

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

22508	MHEELER AFB HI	67-75,73-79	ALL
STATION	STATION NAME	YEARS	HTHOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF "EATHER CONDITIONS FROM HOUPLY OBSERVATIONS

нтиом	HOURS (LST.)	THUNDER- STORMS	RAIN AND. OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OK SLEET	HAIL	* OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	S11OW S11OW		% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN.	ALL	. 3	11.2				11.2	1.1	.1			1.2	4956
FEB		. 2	9.2				9.2	. 9	• 1		• 3	.9	4635
MAR		.1	15.4				15.4	. 3	•6			. 3	5123
APP		. 4	13.4				13.4	• 2				.2	4908
MAY		· 	10.2				10.2	. 5	.5		<u> </u>	1.3	5051
Jek		.1	10.5				10.6	• 2	• 4		[.6	4891
JuL			10.4				10.4	1	.0			.2	5316
Au6		.0	9.2				9.2	• 2				.2	5141
SEP		. 3	5.9				5.9	• 0	•1			.1	4956
ост		• 3	5 - 8				6.8	• 2	• 5			.7	5073
NOV		• 5	15.0				15.0	• 9	•0			. 9	4837
DEC		•1	14.8				14.8	1.0	.2			1.2	4727
TOTALS		• 2	11.0				11.0	• 5	• 2		• 0	. 6	59314

USAFETAC $_{\rm AAY\,64}^{\rm FORM}$ 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VICION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- MOTES: (1) A day with rain and/or drizzle was not separately reported in the WRAW data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
 - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
 - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

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TATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

WEATHER CONDITIONS

ATMOSPHENIC PHENOMENA

22538

AMEELER AFB HI

54-79

ALL

NCITATE

STATION NAME

MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY DESERVATIONS

нтиом	HOUPS LST;	THUNDER- STORMS	PAIN AND OR DRIZZLE	FREEZING RAIN & /GR DRIZZLE	SNOW AND/OS SLEET		% OF OBS WITH PRECIP.	FOG :	SMOKE AND OR HAZE	DAIWOJB WG42	DUST AND OR SAND	% OF OBS WITH OBST TO VEION	TOTAL NO OF OBS
JAN	D±ILY	4.3,	54.2				54.2	9.3	1.5			12.1	454
FEJ		2.4	51.3				51.3	5.9	• 9			7.5	423
V) 2		1.9	54.6			• 2	54.5	3.5	1.3			3.8	465
101		4.8	59.1				59.1	4.6	. 8			5.0	479
A F A		3.5	54.5	2			54.5	4.5	1.5			5.5	492
JJ%		1.0	57.2	,			57.2	2.5	• 4	•	1	2.7	479
JUL		1.4	53.9				53.9	2.8	• 2			3.0	495
AUS		• 2	53.5				53.5	i.9			!	1.9	465
SEP		4.3	48.2				48.2	• 9	1.1		Par specific	2.0	450
001		4.5	55.3				55.3	4.1	1.9		*	5.4	465
NOV		5.2	59.0				59.0	5.5				6.5	446
510		3.1	52.6				52.6	10.1	1.8			10.3	447
TOTALS		3.0	54.4			•0	54.4	5.2	1.0			5.7	5560

USAFETAC $\frac{1000}{857.64}$ 0-10-5[OL A], regious editions of this row are disorted

U 8 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PARCIPITATION, SHOWFALL, and SHOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having mone, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- ⁵2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SHOWFALL, and SHOW PEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION ".00" equals none for the month (bundredths)

EXTREME DAILY SKOWFALL ".0" equals none for the month (tenths)

EXTREME DAILY SKOW DEPTH "0" equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SECURAL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for teams and standard deviations do not include to a surements from incomplete months.

HOTES:

- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (~) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Mir Force Stations:

U. S. Navy and National Weather Service (USWE)

Beginning thru 1945 Jan 46-May 47 Jun 57-present	at 0800LST at 1230GMT at 1200GMT	Beginning thru Jun 52 Jul 521May 57 Jun 57-present	at 00300MT at 12300MT at 12000MT

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

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CTATION NAME

YEARS

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with the specific the state of
						AM.	II) STAUC	VCHES)						PERCENT		MON	HLY AMO	UNTS
PRECIP	NONE	TRACE	Ç)	02 05	06 10	11- 25	26- 50	51-1 00	1 01-2 50	2 51-5 00	5 01 10 00	10 01-20 00	OVER 20 60	OF DAYS	NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0104	0 5-1.4	1 5-2 4	2534	3 5 4 4	4564	6 5.10 4	10 5 15 4	15 5-25 4	25 5.50 4	OVER 50 4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	46	7-12	13 24	25 36	37-48	49-60	61-120	OVER 120	AMTS				
JAN	:2.5	?;	3.9	15.1	1	7.3	6.2	3.8	2 • 2	2.2	.4			57.2	451	> · 02	18.25	. 🤉 ଧ
FEB	7	22.3	ř. • 7	14.2	٠.4	გ.ნ	4.5	4 • 3	2.3	1.9				50.4	423	5.09	17.65	•\$2
MAR	24	19.4	9.5	14.8	5 • 2	9.5	5.2	3.2	1.9	• 3				52.3	465	9.16	14.74	• 5 2
APR	19.2	2	۴ • 1	20.3	? ∙ 6	12.3	5.0	3.5	2.5	• 2	• 2			63.8	479	4.10	13.46	1.05
MAY	25.2	20.5	ÿ.]	21.5	7.7	7,7	4.5	2.2	1.2	• 2				54.3	492	2.78	9.17	• 74
אטנ	25.1	21.4	9.8	20.9	10.4	7.5	1.3	. 9	• 8					52.0	479	1.53	3.59	• b D
JUL	23.5	22.5	9.9	20.2	19.1	8.7	2 . "	1.2	1.0					53.6	494	1.94	4.01	•77
AUG	25.2	23.2	9.5	15.7	11.4	9.0	1.7	1.1	• 2					48.6	465	1.45	4.32	.39
SEP	30.4	10.4	13.1	16.4	მ•9	6.4	3.6	• 9	1.3	• 4				51.1	450	2.30	1,2.80	.45
ост	24.0	25.6	8.2	15.7	8.4	8.2	3.9	3.0	1.1	1.1				49.5	465	3.63	8.54	•49
моч	19.1	17.5	9.9	17.3	8.3	11.0	6.3	3.8	4.9	1.1	.9			63.5	445	8.43	18.40	1.34
DEC	25.2	15.2	7.2	14.6	7.4	11.0	9.0	4.5	3.6	. 9	<i>د</i> نا			58.5	446	13.17	15.93	.70
ANNUAL	25.1	20.6	9.3	17.2	8.5	9.0	4 • 5	2.9	2.0	. 7	• 2			54.3	5555	56.61	X	X

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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1 1THT - CONVELLINGS

EXTREME VALUES

PRESENTATION

(FROM DAILY OBSERVATIONS)

STATION

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STELT STATION NAME

64-70

YEARS

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2# HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	າບເ	AUG	SEP	OCT ,	NOV	DEC	ALL MONTHS
54				, 45	• 7 3	• 11.	1.34	• 2 Z	• 5.8	•22	5.21.	5.331	
<u>د ن</u>	1.05	1.41	• 97!	1.71,	2.93	. 14	• 0 %	•23	• 45	4.34	5.13	6.10	6.13
ò 6	.32	2.22	• 17	• 27		۵9 د	2.32	• 02	1.31	2.01	5 • 2 4 *		5.24
67	× • 4 3.	•77	3.09	1.35	1.75	2.31	.91	2.18	.42	• 5 9	1.05	2.08	3.09
6-	3.54	1.23	1.39	1.55	• 5 3	• 12	.65	• 1 1	.73	3.00	2.05	3.27	3.54
67	6.51	3.76	- 84	• 5 3	1.00	• 1 3 *	•40	.46	• 32	•62	1.98		0.51
70	2.97	• 45	• 20	• 29	• 73	.16	1.56	• 25	. 36	2.02	2.38*	Y.	2.97
	* 3.97	1.41	1.44	1.42	• 45	1.17	•52	.71	1.97	2.54	1.24		≉ 3. 97
72	* 5.50	1.93	1.96	2.91	•62	• 27	• 5 5,	• 24:	1.78	2.15	1.394		* 5.5C
73	* 47	• 55	• 4 6	• 33	•31	. 22 n	.57	• 38	• 26	• 60'≠			# 1.87
•	* 2.54	1.33	4.56	7.42	1.38		1.84	• 1 0	3.39	•69	1.95	1	7,42
	# 3.40	4.17	1.56	•25	.13	.12	.19	.34	.15	.46	6.54		6.54
	* .7 €	3.84	1.42	•61	. 34.	.19	• 38	• 49	-14	.11	.39		3.84
1 ''	* .33	. 54	. 94	1.25	2.15	1.14	-18	•12	.13	. 4 3 ×			2.19
	* .57	.60	3 3	1.59	1.79	80.1	•15	• 69	.20	4 . 30	2.53	1.00	4.30
79	* 1.25	4.31	• 64	4.45	• 3 3	• 46	• 32;	1					
			1		The state of the s		- 1	,	1	,		4	
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					+								
MEAN			1.278		.991	.514	.824	.498		1.606			
S D	2.425	1.421	1.185		.635	.637	.682	•523	.932	1.437	2.169	1.848	
TOTAL OBS	451	423 NOTE	465	479	492	479 HAN FU	494	465	450	465	446	446	5555

USAF ETAC FORM 0-88-5 (OU)

SE-#10 / 10

EXTREME WALUES PORTECT PLATFOR

(FROM DAILY OSSERVATIONS)

STATION

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.. HEELEN FA AT STATION NAME

TOTAL MUNTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL.	AUG.	SEP	ОСТ	NOV	DEC '	ALL MONTHS
54				1.93	1.00	•53	2.41	• 74	1.04	1.42	10.75	15.93	
6.5	4.50	2.65	1.27	6.44	9.17	.68	2.19	1.44	1.13	5.54		12.88	55.26
35	1.12	5.95	•52	1.05*	- 1	- 57	4.01	2.22	2.35	3.80		× 4.82	
67	* 1.99	2.24	9.82	5.47	4.14	3.59	3.31	4.32	1.21	2.34		11.08	₹53.81
€ E	11.12	5.14	5.22	€ • 35	1.03-	.75	1.35	-38	2.11	7.24	•	12.80	60.13
69	15.79	5.14	1.84	1.43	2.31	.72 ≄	2.05	1.48	1.31	1.99		2.86	#42.54
75	7.52	1.23	.58	1.50	1.39	•91	3.41	1.07	1.11	3.82		3.41	
71	*18.25	2.64	5.66	5.99	1.65	2.68	1.13	2.26	4.63	5.04		5.70	*58.S1
77	* 5.95	5.50	3.11	5.85	•95	1.40	.95	.78	2.73	5.43		3.7	*41.89
73	# 0.90;	1.56	3.37	1.50	3.26	1.25	,	1.69		2.88		5.70	*32.69
74 -									1.23	1			*75.76
l	*10.71	3.55	14.04	13.46	3.35	1	3.37	.66	12.83	2.95		2.28	
75	* 8.95	5.51	3,86	1.01	• 74	.51	•92	. 94	• 46,	1.18			*45.85
70	* 2.05		5.91	3.35	1.38	1.14	1.55	1.15	-59	. 49			*34.51
77	* 1.36	1.30	4.30	3.81	5.48	2.58	• 98	•72	• 83,	. 75			*20.77
73	¥ 1.20	.82	1.76	3.51	4.83	3.44	.81	2.06	1.00	8.54	* 4.52	4.70	*37.29
75	* 5.65	17.65	1.19	1.76	1 . 3 3	2.30	.77						
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	 		- -			 }-							
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MEAN	3.022	5.002	4-12-	4.104	2.782	7.535	1.047	1.461	2. 20%	3.627	8.432	13.173	62.69
)	5.688	4.872					1.155	.988	3.090			2.017	
S D	451	423		479	492	479	494	465	450	465	1	445	
TOTAL OBS.	1 732	NOTE		SED ON		,		1				,	

USAF ETAC FORM 0-88-5 (OLI)

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

<u>--1165 45 41</u>

5 -71

YEAR

						AM	OUNTS (NCHES)						PERCENT			THLY AMO	
PRECIP	NONE	TRACE	C 1	02- 05	06 10	11 25	26 50	51 1 00	1 01 2 50	2 51-5 00	5 01-10 60	10 01-20 00	OVER 20 00	OF DAYS	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0104	0514	1524	2534	3 5 4 4	4 5.6 4	6 5 10 4	10 5 15 4	15 5 75 4	25 5-50 4	OVER 50 4	MEASUR-	OF OBS	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE)	2	3	46	7.12	13 24	25-36	37 48	49 60	61-120	OVER 120	AMTS				
NAL	1-3.5												ĺ		4 £ 4	.3	•	.5
FEB	1 2.2			i 1											423	• 7	ه د	.:
MAR	1-0-0							! 							455	• ?	•:	.0
APR	110.5														449	• 9	• :	.0
мач	1.3.2														452	• ;;	•0	.:
אטנ	170.0												i		479	• 5	٠٠	3.
) Ar	123.3												Ī		495	• 0	•0	. 3
AUG	153.3														465	• 9	• 0	•0
SEP	100.0				,										450	•3	•0	•0
ост	133.3														455	•0	•0	• 5
иои	168.3														446	• 9	•0	.0
DEC	190.9														447	• 0	.0	1.
ANNUAL	100.0														5523		X	X

1210 WS JUL 64 0-15-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

2

EXTREME VALUES

SNOFFEEL

FROM DAILY OBSEPVATIONS

STATION

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arther afords STATION NAME

STORAC. MAG

64-79

أمراع والأحصارة حسنها للهيد يتحدده

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	INF	AUG	SEP	OCT	МОЛ	DEC	ALL	ذ
- ² 4					. J	-5	• 3	.0		.3	. 3	• 5		
35	.3	.0	.:	. 3	• J	• 0	.3	.3	.3	.9	• 3	- û		
55	J	.5	• 74	. 77	3	.5	•5	.5	•3	y	.3*	5	π	• ;
67		• 3	. 3	ن .	•0	• 3	.3	٠,	• 5	•3	• 0	• 3		٠ د
x ; "	• 7	. 3	·7	.5	.3	• 0	•6	.3	. 0		• 5-	~.E~	-	•
69	. J	.3	• 3	ل •	. 3	•0	. 0	• 5	• 🤊	• 3	•3≖	• 3	*	•
75	• 5				. 0	• IJ	• 6	.0	• 01	.9	.3*		∓	•
• •	± .J	• 0	• 0	•3	. 3	• 0	.0	• 0	• 5	.0	• G =	• 5	*	• '
72 2	5	.0	-0	- 3	. 0	• 0	• 0	- 0	• 6	.0	.04	•0	*	•
	€. ⇒	.0	. 3	.0	. 3	• 8 #	• 2	. 0	. 3	. 2*	. 32	• 8	*	• :
74 7	ह ─ •उ	. 0	•3	.5	. 3=	• 0	.5	.9	.3	5	*5.		~~*	• :
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75	7 .7	• 10				•0	• 0	5	.5	.0	• D*	• 0 *	*	
	₽ .∃	. 3	.9	• 3	. 3	.0	• 0	• U	• 02	• O.*	¥ű.	• 5 ,	*	• 1
78	3	u	5	J	• 3	•0	.0	- 3		• 17	*0.	•0	*	• [
79 *	• .3	• 3	• O*	• • • •	. 0	• 0	• 0							
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S D.	• 500	• 696	•000	•000	.000	-000	•000	-000	-000	.000	-000	- 300		_
TOTAL OBS.	454	423	465	449	492	479	495	465	456	465	446	447		5 3

USAF ETAC FORM 0-88-5 (OLI)

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TO CATH SERVED MIN

EXTREME VALUES

FROM DAILY OBSERVATIONS

KONTHLY SMONFALL

STATION

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· SELER AF3 HZ STATION NAME 64-75 YEARS

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TOTAL MONTHLY SNOWFALL IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	אטנ	JUL	AUG	SEP	OC1	NOV	DEC	ALL MONTHS
YEAR													MONTHS
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57				.J		.J	.5	.7	.5		.]*	• 5	-
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-				.0		• 0	.3	<u>.a</u>	_ •3	• 5	.0*		.
7.7					32	7	• 3	• 3	5	• 5	• 3*		* .
71	* • •			• 3	ل ه	• 3	.3		•0	• 0	• D.+		* •
72	· ·				• 0	.0		•0	.1	. 0	•ॻ₹		* .
73	* .			• 3	• 3	•9*	. a	• 0	•0	• 34			* •
74	71			• 5	• 0*		.3	.0	• 3	- 3	• U*		*
75	*			•3	• 3	. 3	.0	.5	• 3	• 3	• 3≎		* .
75	*	.0		• 5	. 5	.0	• 3	• 5	•3	• 5	+3+		* .
77	* •	J .9	• 3	•0	• 3	• 3	. 3	• 0	• 3	• Q4	× .S≠	• • • •	* .
75	•			•6	. 3	J	•5	• 13		• 0:	• U#	• 6	* .
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S D.	.000			-000g	000	.050	-000		.000	• 630	.000	. 4	
TOTAL OBS.	457	NO15		मय भ	492	479 HAN FU	495	47.5	456	465	446	4471	553

USAF ETAC FORM 0-88-5 (OU)

35 110-1-25

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF (FROM DAILY OBSERVATIONS)

						AM	OUNTS (I	NCHES)						PERCENT		MON	THLY AMO	
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	. 51100	101 2 50	2 51 5 00	5 01-10 00	10 01-20 00	OVER 20 00	OF DAYS			(INCHES)	
SNOWFALL	NONE	TRACE	0:04	0514	1 5.2 4	2534	3544	4 5-6 4	6 5-10 4	10 5-15 4	15 5-25 4	25 5-50 4	OVER 50 4	MEASUR-	Of OBS	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	46	7-12	13-24	25-36	37 48	49 60	61-120	OVER 120	AMTS		,		ł
MAL	1. ~. :						1								ti _z ti			4
FEB	1.0.3					!		1			ı				423			
MAR	130.0	-		:					İ		;	,			455			i i
APR	1,5.1												!		440			
MAY	110.5											-			405	_		
ИИС	1 =.7												<u> </u>		475			
JUL	160.7														495			
AUG	100.0														465			
SEP	120.3												 		450			
ост	350.5											i			465			
иоч	100.3														446			
DEC	130.0														447			
ANI.UAL	190.0														5530		X	\supset

1210 WS JUL 64 0-15-5 (OL1)

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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EXTREME VALUES

CNOW DIPTH

FROM DAILY OBSEPVATIONS

4-15-10 PR ---STATION NAME

YEARS

DZILY SNOW BEPTH IN INCHES

MONTH EAR	1AL	4	FEB	MAR	APR.	MAY	NUL	JUŁ	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
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6 /		3	S	Ú	Ĉ	c	Ð	ن	5	ü	E	3*	J	*
75	-	5		-	3	- -	3	บ	 	3	3	<u>J*</u>	ີ້	*
7 i	‡	3	ε	÷.	0	Ç	3	5	3	Э	3	C:	Э	#
77	*		5		<u> </u>	3	9	5	5		3	C*	2	4
73	₽	G	3	Ü	5	c	3≈	Ĵ	Û	9	3≉	: ⊅:*	3	*
74	- ×	7	5		9	3*	3		5	3	<u>-</u>	9.*		#
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STATION

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

MOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

* Values for means and standard deviations do not include measurements from incomplete months.

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EXTREME VALUES

SUTERCH KINGT

FROM DAILY OSSERVATIONS

YEARS

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STATION FEEL AFT MA

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57-79

DAILY PEAK SUSTS IN ANOTS

MONTH YEAP	JAN	FEB	MAR	APR	MAY	אטנ	JUL	AUG	SEP	ост	NOV	DEC	ALL MONTHS
5;							£ 279	31	SE 29	Ē 27	E 36,	* # # 3	
5.5	434 31	4 N A 4	3E 28	544 331	£ 25	555 27	9/ 26	11/ 30	8/ 24	23/ 22	4/ 25	11/ 30	4.3
<u> </u>	22/ 2:	77 3	7 7/ 25	5/ 75	5/ 25	6/ 24	4/ 25	5/ 24	4/ 25	3/ 19	7/ 32	7/ 28	7/ 37
7.5	2 1 00	3/ 4	3 6/ 3	2 3/ 39	3/ 27	5/ 30	9/ 25	3/ 30	3/ 25	36/ 28	22/ 36	5/ 41	25/ 60
71	717 63	67 3	7277 3:	7 57 72	9/ 25	3/ 25	ê/ 2ª	6/ 27	10/ 26	5/ 21	9/ 24	6/ 30	217 59
72	17/ 23	21/ 4	423/ 33	6/ 29	5/ 26	7/ 27	6/ 39	5/ 27	7/ 24	3/ 23	9/ 24	26/ 25	21/ 44
73	57 25	77 2	4117 27	7357 33	3/ 24	3/ 25	5/ 22	91 26	7/ 20	9/ 13	15/ 192	24# 25	35/ 33
7 4	26# 34	11/ 2	421/ 33	3 9/ 25	7/ 22	13/ 22	3/ 22	6/ 29	67 19	8/ 21	7/ 26	4/ 30	26≉ 3
75	5/ 27	157 2	2 8/ 20	5 77 25°	77 23	6/ 23	9/ 27	7/ 33	8/ 28	3/ 24	20/ 30	3/ 24	7/ 3:
76	32/ 27	5/ 4	1 7/ 25	5 5/ 34	7/ 20	8/ 27	7/ 27	9/ 26	5/ 25	7 ≄ 25	5 * 31	9# 23	57 41
77	137 27	11/ 2	5 8/ 32	7/ 37	3/ 30	7/ 27	15/ 28	10/ 29	9/ 25	4/ 29	9/ 33	18= 32"	7/ 37
73	22/ 36				16/ 27			8/ 27	7/ 23	3/ 25	15/ 28	5/ 36	22/ 39
75	19/ 35	16/ 3	411/ 25	11/ 27	7/ 24	5/ 25	8/ 25			····			
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	35.2	33.	3: 29.	30.3			27.2						45.4
MEAN		<u> </u>											
MEAN S. D				3 4.479 9, 357	1	4		,				345	13.713

USAF ETAC FORM 0-88-5 (OLF)

S (BASED ON LESS THAN FULL MONTHS, AND +180 KNOTS)

*PEELER AF8 HI

SURFACE WINDS

6399-0506

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

73,75

	_												
	_					OITIO*							
						·						 	
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	; 17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	
N		11.5					;	!				11.5	_
NNE			3.8	1				1	i	1		3.8	
NE ,		3.3			į	1	!		Ī	Τ		3.8	
ENE			3.8	1		1						3.8	!
Ε ,	i	3.8	3.8	i	Ī				i			7.7	
ESE !					!	i							
SE	i				i		!						
SSE ;				1		1	·						
S ,			3.8	,					<u> </u>			3.8	L
SSW !				<u></u>		<u> </u>	<u> </u>	<u>:</u>	<u> </u>	<u> </u>			L
sw	3.5			<u> </u>	!	<u> </u>	L	<u> </u>	<u> </u>	<u> </u>		3.8	L.
wsw				<u> </u>	<u>!</u>	<u> </u>	<u> </u>	<u> </u>	!				L.
_ <u>w</u>	:			!	<u> </u>	<u> </u>		<u> </u>	ļ				Ļ,
WNW	3.8		3.8	<u> </u>	<u> </u>	 -	<u> </u>	 	<u> </u>	ļ!		7.7	L
NW	3.8	7.7		<u> </u>	 	 	<u> </u>	 	<u> </u>	<u> </u>		11.5	L
NNW	3.8	3.8		ļ	 	ļ		<u> </u>	<u> </u>	<u> </u>		7.7	-
VARBL			!	 	 	 	 	 _	 	 			<u> </u>
CALM	$\geq \leq$	> <	$\geq \leq$				$\geq \leq$			$\geq \leq$	<u> </u>	34.6	L
	15.4	30.8	19.2		i					!		100.6	

USAFETAC FORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF IMIS FORM APE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2250a	WHEELER AFB HI	66-70,73	-79	JAV
STATION	STATION NAME		TELDS	BOSTR
		ALL MEATHER		0690-0800
		CUSS		NOURS (E.S.T.)
		#OITICHO3		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	; 22 - 2 7	. 28 - 33	54 - 40	1	· 48 - 55	≥56	. *	MEAH WIND SPEED
N	2.8	2.6	1.1	.1					!			6.5	4.4
NNE	.7	• 6	•6	• 2					:			2.1	5.9
NE	. 4	• 9	• 5	•1								1.9	6.3
ENE	, 7	• 5	٤.			:		!	!	•		2.0	5.3
Ε	1.1	1.3	1.4	• 4				ī	i			1 4.1	6.0
ESE ·	. 9	. 8 .	1.1	•2		1		:	1			3.0	5.8
SE	• 2	• 5	• 2			i		,	1			1 .91	5.4
SSE	. 9	• 5	.7	.4								2.5	5 • D
<u>s</u>	5	1.8		• 7		1			1	:		5.5	6.8
ssw :	. 4	.8	• 7	•1		ī		Ī	1	1	!	2.0	5.6
SW	•2	• 2				!		*		i		.8	7.1
wsw .	•2	• 2	• 5	•1	ļ	I	i	:	!	T		1 1.1	6.2
w	1.3	• 4	-6		·	1	T	i	Î -	<u> </u>		3 2.2	4.3
w;~	2.61	.7	. 4	.1	1	ī	T	-	I	<u> </u>		3.7	3.4
NW	4.7	3.3	• 6		!		i	i	<u> </u>	 -		8.5	3.5
WNN	5.7	2.9	8.		1	T T	i	i – – –	 	i —	<u> </u>	3 9.5	3.5
VARSL						Ī	 	i		 -		1	
CALM	><	>	><	> <		\supset			5		>	43.5	
	23.6	17.9	12.3	2.7			T	,				100.0	2.6

TOTAL NUMBER OF OBSERVATIONS

€55

USAFETAC FORM (0-S-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY SBS_EXVATIONS)

2 2 508	AMEELER AFB HI	69-70,73-79		YAL
STATION	STATION NAME		YELES	Boats
		ALL WEATHER		596G-1100
		CC) III		BOSES (L.S.T.)
		PATICACS		

SPEED (KNTS) DIR.	1.5	4.6	7 - 10	11 - 16	17 - 2i	A - 27	28 - 33	34 - 40	41 - 47	43 - 55	≥55	\$	MEAN WIND SPEED
ы	1.9	3.6	1.5	• 2								7.3	5.4
NNE	, 4	1.2	1.3	• 3								3.3	7.0
NE	•6	1.9	1.4	. 4						1		4.3	5.5
ENE	• 7	1.9	2.8	• 6]	1	•		5.8	
Ę	1.9	2.4	3 • 1	2.2					1			9.5	
ESE ;	1.3.	2.2	1.9]	<u> </u>			5.4,	5.4
SE .	1.7	2.4	1.5	• 3					i			5.4	5.2
SSE	1.4	2.6	2.5	•2	• 1				i	1		7.9	6.2
\$;	1.8	2.2	4.3	1.9	. 4			1	•			10.6	8.0
ssw	• 2	1.2	- 9	• 7				1				3.0	7.4
SW	• 1	•6	1.0	•1		·	•		I	1		2 2.8	7.6
wsw	. 4	1.0	€.		• 1			!				2.3	
w	.7	,7	• 9 !	• 1			<u> </u>	<u> </u>	<u> </u>			2.3	5.6
WNW	1.0	. 8	. 4				i	<u>. </u>			l	2.2	4.4
NW	,41	1.5	1.2	• 2				l	<u> </u>	<u>i </u>		1 3.4	5.1
NNW [2.1:	3.4	1.7	, 2		·	L	<u> </u>		1		7.4	5.2
VARBL							!	!				į į	
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$				$\geq \leq$		18.9	
	16.6	29.7	26.7	7.5	.7							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

986

USAFETAC FORM G-F-S (UL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETS

WHEELER AFB HI

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

			. name						ILAND			_	•
					ALL "E	ATHER						1200	
					cı	A38						HOURS	(L S.T
					CON	MOITION				 _			
	_												
		 ,			 ,		,		, -			 	
SPEED			_								≥56	*	MEA
(KNTS) DIR.	1-3	4-6	7 -	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥35	*	SPE
N	.8	2.6	1.7	• 4					 			5.5	6
NNE	.4	1.8	1.3	• 8	• 1		 		 			4.4	7
2'4	• 3	2.1	2.0	1.1	• 1		 -	 	 	 		5.6	8
ENE	• 3	2.3	4.3	3.0	• 2		 	i	 			10.2	9
E	.4	1.8	6.8	2.3	•1		 	 	 	 		11.5	9
ESE	.8	1.1	1.9	• 4			 	 	 			4.2	7
SE	• 3	1.8	•6	• 1	•1		ì		 	<u> </u>		2.9	6
SSE	. 3	2.0	3.5	1.1	• 3		1		1	T		7.3	8
S	.9	3.5	5.7	2.5	• 8							13.5	8
ssw	• 3	1.3	1.5	1.1								4.3	8
sw	•2	1.2	1.2	• 2	•1	•1						3.1	- 8
wsw	.6	1.8	1.3	• 3								4.0	6
w	.6	1.8	2.2	• 2			<u> </u>					4.7	6
WNW	• 4	.9	1.1	<u> </u>			<u> </u>		<u> </u>	ļ		2.4	6
NW	• 3	1.2	3.3	•6		<u> </u>	ļ		ļ	ļ	ļ	5.4	7
NNW	1.1	2.4	3.1	• 7			ļ		 	ļ		7.3	7
VARBL				<u> </u>				<u> </u>	 	ļ			<u> </u>
CALM	><	><	><	><						><		3.8	İ
	8.2	29.6	41.6	14.9	1.9	.1						100.0	7
									TOTAL NU	MBER OF OBS	ERVATIONS		9

68-70,73-79

USAFETAC $_{
m NL~64}^{
m FORM}$ 0-8-5 (OL-A) previous editions of this form are obsolete

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	♣HEELER AFB HI	68-70,73-	79	JAN
KOITATE	STATION HAME		YEAPS	MONTH
		ALL WEATHER		1500-1700
		CLASS		HOURS (L S T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.01	3.1	4.0	•3	• 1	_						8.4	6.9
NNE	.4	• 9	2.3	•6	• 1							4.3	8.3
NE	- 3	1.6	3.D	• 7								5.5	7.9
ENC	• 3	3.3	6.1	2.5	• 1							12.4	8.7
E	.7	1.6	4.9	1.8								8.9	8.4
ESF		• 9	• 7	• 4					1			2.0	7.8
SE	• 3	1.4	• 3	•1								2.2	5.5
SSE	•6	1.9	2.7	• 9	• 2						i	6.2	8.1
S	.8	3.3	5.8	2.9	• 3			Ţ— <u> </u>				13.1	8.6
SSW	• 9	1.6	1.3	•6	• 2							4.5	7.2
sw	.4	1.3	1.4	.7	•2							4.1	7.8
WSW	• 2	1.4	1.7	• 4								3.8	7.1
w	•6	1.8	1.7	•1								4 • 1	6.1
WNW	.6	2.0	1.6	• 3			i					4.4	6.5
N₩	1.0	1.4	1.8	•6								4.8	6.6
NNW	. 4	1.8	5.4	• 3	•1							8.1	7.7
VARBL								Ţ <u> </u>			i		
CALM		\geq	$\geq <$	\geq	\geq			\boxtimes	\geq	\geq		3.1	
	8.4	29.3	44.6	13.2	1.4							100.0	7.5

TOT/: NUMBER OF OBSERVATIONS 902

USAFETAC FORM 0-8-5 (OL-A) PREVIOU. EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	WHEELER AFB HI	68-70,73-79		VAL
KOITATE	STATION NAME		YEARS	MONTH
		ALL WEATHER		1800-2000
		CLASS		HOURS (L.S T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	i7 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	5.9	1 • C	• 1						i -		9.5	4.7
NNE	1.0	1.4	1.4								1	3.7	5.3
NE	1.6	1.1	1.5									4.2	5.1
ENE	2.0	3.7	1.6	• 1			l		1			7.4	5.0
E	1.6	2.2	3.0	• 2						i		7.0	6.1
ESE	• 6	1.8	•1									2.6	4.2
SE	. 4	1.2	• 1		i				1			1.7	4.4
SSE	1.2	2.1	2.3	• 1					T			5.8	5.8
5	2.0	3.6	2.5	• 4	• 4							8.7	6.3
ssw	1.2	• 5	• 5	•1	•2		[[2.6	6.2
5W	•2	.7	• 2	• 4	1							1.6	7.1
WSW	.6	•1	•1	-1	 				1		1	1.0	4.6
w	.7	.9	•2	•1	i	i			1	T		2.0	5.1
WNW	1.7	1.5	• 4	<u> </u>	!			ì	1	1		3.6	4.3
NW	1.8	3.4	1.5		l ——				1	1		6.8	4.7
NNW	3.2	4.9	2.2	.1						1		10.5	4.8
VARE.			l		T		1	1	1	T	T		
CALM		\geq	$\geq \leq$	$\geq \leq$		\geq	\geq		\geq			21.5	
	22.4	35.1	18.6	1.8	.6							100.0	4 • 1

TOTAL NUMBER OF OBSERVATIONS

JSAFETAC O-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SW

WSW

WNW

NW

NNW

VARBL

CALM

•2

.9

2.9

4.4

1.3

1.1

4.0

22508

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

68-7C,73-79

	_				ALL #	ATHER				~_			-230
	-				CON	NOITION							
SPEED (KNTS) DIR	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5	2.4	• 7	•2		 						5.8	4.
NNE :	.9	• 9	. 4									2.2	4.
NE	.9	1.1	1.5		 							3.5	6
ENE	• 9	1.1	.7	•2								2.9	5
E	1.8	2.4	2.0	•2						l —		6.4	5 .
ESE	1.1	1.3								i		2.4	3.
SE	.7	1.3	• 2									2.2	4
SSE	.9	1.3	• 2									2.4	4.
Ş	• 4	1.8	1.1			1	• 2		T			3.5	7
5674	. 4	- 2	11	T	1	7			1			1.3	9

3.1 4.9 4.0 2.8 9.0 3.8 8.4 3.9 40.4

TOTAL NUMBER OF OBSERVATIONS

455

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDILIONS OF THIS FORM ARE OBSOLETE

• 9

•7

. 4

22508

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

68-70,73-79

	_				ALL WE	ATHER						A HOUR	L
	-				COM	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	
N	1.9	3.5	1.7	,2	.0		!	i			:	7.4	Γ
NNE	.5	1.1	1.3	• 3	.2			:		1	:	3.5	Ī
NE	.6	1.5	1.7	• 4	0.0		i — ′——		1	1	 	4.3	Γ
ENE	8.	2.2	2.9	1.2	•1		i		T			7.2	Ī
	1.2	1.9	3.7	1.3	.0				1	<u> </u>		8.1	ĩ
ESE	.8	1.4	1.0	.2								3.4	ī
SE	.6	1.5	• 4	• 1	.0		i			i		2.5	Ī
SSE	.9	1.8	2.2	• 5	• 1							5.4	Ī
S	1.2	2.8	3.9	1.5	• 3		•0			T T		9.7	I
SSW	.5	1.0	. 9	• 5	• 1	• 9						3.1	Γ
sw	• 3	• 7	• 8	• 3	• 1	•0						2.2	Γ
WSW	.4	• 9	• 8	• 2	.0	• 0						2.3	1
w	.8	1.1	1.1	• 1								3.1	I
WNW.	1.4	1.2	. 7	• 1								3.4	L
NW	1.9	2.3	1.6	•2								6.1	L
NNW	2.6	3.2	2.4	•2	• 0							8.5	L
VARBL						L						1	L
					T ->	T\			\sim			20 0	1

TOTAL NUMBER OF OBSERVATIONS

4863

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

22538 *HEELER AFB HI

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		******										_	• • • • • • • • • • • • • • • • • • • •
					ALL +E	PEHTA						0300	-0500
	_				c	LASS						HOURS	(L S T.)
					COM	NC.TIG							
										_			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	:			Ī	 	i			i			l	
NNE			16.7]	1	!	16.7	8.0
NE	11			ì		1				1			
ENE	1					l	<u></u>			l			
E	li		T		1	i	i	i		<u> </u>			
ESE	Įį –			!	<u> </u>				!				
SE			1	i			i			i	:		
SSE	1		 		 			 	i				
\$			†	i	î	l	i	!		} _			
SSW			1	<u> </u>	1					Γ			
sw		i	1	i	1	l ——	i	i	i	i	i	I	
wsw			1			,							
w			 	<u> </u>	 	i		 	 	 			
WNW	ii -		 		i						i		
NW	16.7	i	 	 	<u> </u>	i	l	i	i	 		16.7	2.0
NNW	16.7		1			i	i		i	 		16.7	2.0 3.0
VARBL	1		 		i	i	l	 		 -			
CALM		X	1		1>><	S				$\supset \sim$		50.0	
	77 7		1,,,	 	 					 		100 0	2 2

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22509	*HEELER AFS HI	68-7	0,73-79	FEB
ROITATE	STAT, NA MAMA		YEARS	HONTH
		ALL WEATHER		0600-0800
		CLASS		HOURS (L S T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	17 - 15	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	4.6	2.9	• 5				1	i	i			8.0	3.4
NNE	1.5	• 9	• 5								I	3.0	4 - 1
NE	1.1	1.4	• 9	• 1								3.5	5.1
ENS	1.0	1.5	• 5	• 11			I		1			3.4	5.7
ŧ	1.8	2.0	2.0	• 5								6.3	5.8
ESE	• 4	• 6	• 6								i	1.6	5.5
SE	• 3	• 5	, 1				!			i		1.4	3.5
\$SE	.5	1.0	• 1	• 5	• 1		!					2.3	7.0
S	. 3	1.0	- 4				Ī	i				2.2	4.4
SSW	• 1	• 1										.3	4.0
sw			• 1									•1	10.0
wsw	• 3	• 5	• 3	• 1			ļ					1.1	6.1
w	1.8	• 1	• 3	• 3	• 3							2.7	5.4
WNW	3.3	1.3	• 3	• 3					i			5.1	3.9
NW	5 • 3	3.4	. 4				Ī			ļ —		9.1	3.4
NNW	5.1	3.5	1.0	•1								9.7	3.9
VARBL													
CALM		\geq	\geq	\geq	\geq	\geq	\geq	\geq	\geq	\geq		40.1	
	28.7	20.9	8.1	2.3	. 4							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

79

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22506 AMEELER AF8 HI 68-70,73-79

STATION STATION NAME

ALL NEATHER

CONDITION

CONDITION

MEAN WIND SPEED SPEED 11 - 16 , 17 - 21 (KNTS) DIR 22 - 27 5.3 2.4 N 8 • C 6.5 7.2 NNE 3.0 2.0 NE 1.1 1.2 Z • 1 2.7 • 1 11.3 8.0 1.2 2.6 5.8 ENE 1.4 . 4 8.7 1.4 14.3 2.6 6.C 4.1 .9 2.2 1.9 2.6 • 9 6.0 55 .6 5.4 SSE 5 | 2.5 • 3 .4 5.8 . 9 9. 3.8 1.8 .1 •1 1.8 . 4 •6 • 8 1.3 4.5 .2 SW .4 .2 •6 wsw 7.5 1.41 • 5 w .4 .41 3.7 • 7 , 9 .7! 1.2 1.4 .91 NW 4.1 4.4 .7 NNW 1.4 2.0 VARBL 5.6 190.0

TOTAL NUMBER OF OBSERVATIONS

845

USAFETAC $\frac{\text{FORM}}{\text{RA}}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

22508 _ *HEELER AFB HI

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

68-70,73-79

MOITAT			ROITATE	I MANE					•	rears			•	HTAC
						ALL XE	ATHER						1200	-1490
						C	LASS						HOUR	S (L S T)
		_				COA	NOITION							
	UID (VIAID)	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 53	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N N	.4 1	1.1	2.8	1.3		<u> </u>	!	:	 	:		5.6	8.6
	NNE	•2		2.1				 -	 -	 -			4.4	
	NE :		1.4	3.9					 		 i		5.7	9.1
1	ENE	•2	2.4						 	<u> </u>	. 		16.3	
Ì	E	. 8	2.1					İ	 -		i		18.6	10.G
Ì	ESE	.4	1.2		1.1				 				4.6	8.2
	\$E :	•51	1.1	2.2	. 8			[i			4.7	7.8
l	SSE	.4	2.1	3.8		• 5			 	i			7.7	8.3
Ì	S	.61	2.0	2.1	.4			î –	T	i			5.1	6.8
	SSW	•2	1.1			<u> </u>	<u> </u>		1	<u> </u>			2.5	5.9
1	5111	7 1	- 6	. 7	- 2	:			1	r			2.2	6.1

TOTAL NUMBER OF OBSERVATIONS 846

3.4

2.7

3.1

100.0

7.4

5.0

6.6 7.3

8.4

USAFETAC #6.4 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

.5 1.1

1.1

•1

.4

•5 I

•6

wsw

WNW

NW NNW VARBL

(≩

•5 1•5

• 9

.4

1.2

SURFACE WINDS

PERCENIAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

225Co	*HEELER AFB HI	68-76,73-79	FEB
STATION	STATION HAME	YEARS	MORTH
		ALL REATHER	1500-1700
		CLASS	HOURS (L S T.)
		CONDITION	

STEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	* *	MEAN WIND SPEED
N	1.3	2.6	4.6	. 8				!	!	i	,	9.3	7.2
NNE	1.1	2.1	2.1	1.4				:				5.7	7.4
NE	• 5	1.9	4.4	2.8				1				9.6	9.C
ENE	. 5	2.21	7.8	4.9	.7	• 2		1	Ī T			15.3	9.9
E	5	4.6	7.1	4.5	• 1							16.8	8.8
ESE	. 1	.6!		• 6								3.0;	
SE	. 4	1.1		1.2	!					Ī _		3.3	3.6
SSE	• 1	1.7	1.4	1.1	• 1							4.4	8.8
S	.5	2.1	2.6	. 5	- 1			!	!	;		5.8	7.1
ssw	1 4	• 5	.7					ļ		i		1.7	5.7
sw	.2	- 8	• 5 i	- 6	!			I				2.1	7.6
wsw	.1	- 6 !	.71					<u> </u>		Ĭ <u></u>		1.4	6.3
w	18.	1.2	1.5	. 4				l	!	l		3.9	6.5
WNW	.51	- â l	.91	• 2								2.5	6.4
NW	.2	1.4	1.7	• 2								3.6	6.8
HNW	.7	3.2	3.0	• 6								7.5	6.6
VARBL	4									i			
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	\geq	\geq	$\geq \leq$	2.1	
	7.8	27.6	41.4	19.8	1.1	•2						100.0	â.D

TOTAL NUMBER OF OBSERVATIONS 845

USAFETAC FORM U-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	"HEELER AFB HI	68-73,73-79	FEB				
STATION	STATION HAME	YELBS	MONTH				
		ALL WEATHER					
		cna	NOUES (L.S.T.)				
		CONSTRUCT					

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	17 - 16	17 - 21	22 - 27	28 - 23	: 34 - 40	41 - 47	: 48 - 55	≥56	* *** *** **	WEAN WIND SPEED
И	4.5	4 . 3	2.1	. 4				:		:		11.2	4.7
NNE	1.8	3.2	1.7	. 4								7.1	5.6
NE	1.8	2.6	2.5	• 9			ž č	1				7.9	6.3
ENE	1.7	3.9	3.5	1.5		1				,	1	10.8	7.2
Ε	2.6	4.0	3.6	1.0	. 1						,	1 11.3	
ESE	1.7	• 9	• 3					;	i		1	2.5	3.4
SE	• 9	1.2	• 4	- 1				1		i	;	2.6	4.8
SSE	1.3	1.3	1.2	• 3								3.7	5.5
5	: 1.C	1.8	• 3	,	- 1		:	1	ī	:		3,2	4 • 8
ssw	. 9	•1	•1.					í	T .	<u> </u>	1	1.2	_ 3.S
\$W	.3	• 9	• 3 :	. 4			ı	1		l l		1.8	5.7
wsw	.3	•8	• 1				1	1	į			1 1.2	4.3
w_	1.3	•1	• 5	•1				1	i			2.2	4.5
WNW	1 .3	• 6						1				1 .9	4.0
NW	2.3!	1.5	• 8	•1				1				4.5	4.3
WNN	3.1	5.3	1.9				1	1	i i			10.3	4.7
VAREL	H								1	1		3	
CALM		$\geq <$	\geq	$\geq \leq$	\leq	\geq	\geq		\boxtimes	\boxtimes		17.0	
	25.6	32.2	19.5	5.3	. 3	• 1			1			100.0	4.5

TOTAL NUMBER OF GASERVATIONS 776

AND THE PROPERTY OF THE PROPER

USAFETAC FORM G-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22538	WHEELED	AFB HI	5.9	69-70,73-79					
STATION		STATION NAME		YEARS		MINGM			
			ALL WEATHER	,		2100-2300			
			CUSS		· 	HOUSE (L.S.T.)			
			CONDITION						
									
									

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN CNIW CRISS
N	4.5	3.6	1.1					:	!	!	•	9.3	4.0
NKE	2.5	1.4	• 9					!	i	1	;	4.8	3.9
NE	•9;	1.1	2.0	;			!				!	4 - 1	6.4
ENE	•5:	1.4	1.1	• 5	• 2		,			i	1	3.6	7.1
E	1.81	1.8	1.6	• 9						1		5.1	5.1
ESE :	• 5 :	.9	•2					1			ī	1.6	4.7
SE	•9,	• 5	•2						Γ	ī		1.5	3.6
SSE	• 9	- 5		• 5			,			i -	:	1.8	6.0
s .	1.4	• 9	• 2						<u> </u>	l		2.5	3.5
SSW	,	•5					,	 	1	<u> </u>		•5	5.0
sw	.7!		• 5	•2				Ī	1		1	1.4	6.0
wsw	.71	.7	•2]	1	<u> </u>	i	1.6	3.7
w	.91	• 5	•2	•2				T	T	i		1.8	4.9
WNW	3.4	• 9	•2				i i	i	T	<u> </u>		4.5	3.2
NW	5.4	2.7	•2				1	Ī		i	 	8.4	3.2
WWW	4.31	5.9	• 9					T		i —	i	11.1	4.0
VARBL							<u> </u>	<u> </u>	1	 		į	
CALM		$\geq <$	\times	$\geq <$	\geq	\geq	\boxtimes	\boxtimes	\boxtimes	\boxtimes		35.4	
	29.3	23.1	9.8	2.3	•2							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 44

USAFETAC FORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	*HEELER AFB HI	63-75,73-79	_ FE3						
STATION.	1918 MC17478	T£1.93	EONTH						
		ALL WEATHER	ALL						
		criti							
	**************************************	COND.TSON							

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	: 43 - 55	≥56	*	MEAN WIND SPEED
N	2.7	2.9	2.3	• 5						,		6.5	5.5
NNE	1.1	1.9	1.7	• £								5.3	6.4
NE	1.0	1.8.	2.3	1.4	• C ·		,	Γ	ī		ī	7.1	7.7
ENE	•9:	2.4:	4.7	2.5	•2	•1		1	T			11.0	3.7
ε ,	1.4	2.9	5.0	3.3	•2			 -	T	1	;	12.9	8.4
ESE !	.7	1.1	1.2	• 4					 		!	3.4.	5.6
SE	. 9	1.2	. 8	• 5 .					i	T		3.5	6.3
SSE	• 9	1.5	1.3	•6	•2			;		1	<u> </u>	4.6	7.0
5	• 3	1.7	1.2	•2	•1			1				• 9	6.0
ssw	. 4	• 5	• 5						1	1		1.4	5.4
sw	.4	• 5	.4	•2					T	1	I	1.5	E.4
wsw	•31	•5	• 4	•2					T	T -	i	1.4	6.C
w !	.9	.6	• 5 !		• 1		T					2.6	6.3
WHW	1.3!	. 9	• 5	•2	•9		Ī		1		Ĭ	2.9	5.2
NW	2.2	1.8	•9	•2								5.2	4.6
WNW	2.3	3.4	1.9	•2			i	T	i –		1	7.8	5.1
VARBL										Ţ			
CALM		$\geq \leq$	><	> <	\times	\geq	\boxtimes	\boxtimes	\geq			17.1	
	18.2	25 • 8	26.7	11.3	. 8	• 1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

4550

USAFETAC FORM C-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE CREOKET

SURFACE WINDS

TOTAL HUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	LER AF		d ming			73		 ,	TEAS.				AR
					ALL JE	ATHER						ووود	-0200
	-				c	414							S (L.S.T.)
	-				609	SITICH	·		·				
SPEED (KNTS)	1 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	; 1 ; ≥56	ş .	MEAN WIND
DIR.			<u>:</u>						<u></u>	· 	<u> </u>		SPEED
N									<u></u>		·	<u> </u>	
NNE								<u> </u>	<u> </u>		-	<u>i</u>	
NE			<u>i</u>						<u> </u>	<u>: </u>		.	
ENE			!						<u> </u>	<u>:</u>	<u>!</u>	•	
E	<u> </u>		!	100.0					<u> </u>			1100.0	11.0
ESE	·				·				<u> </u>		1	1	·
SE		<u>:</u>	<u>:</u>		:		<u></u>		<u> </u>	<u>i </u>	<u> </u>	1	<u> </u>
SSE	<u> </u>	·	·		· 	<u> </u>	·		<u> </u>	<u>i</u> _	<u>:</u>	ž.	
<u> </u>	<u> </u>				<u> </u>		; 	<u> </u>	<u> </u>	<u> </u>	<u>i</u>	<u> </u>	
ssw	<u> </u>	·	·	1	;	<u> </u>		<u> </u>	<u> </u>		<u></u>	1	
SW_		:	<u></u>	<u> </u>	<u></u>	<u> </u>			<u> </u>	<u>i </u>	<u></u>	<u> </u>	
wsw	<u> </u>	<u>:</u>	<u> </u>	<u>!</u>	<u> </u>	<u>!</u>	<u> </u>	<u> </u>	<u>i </u>	<u> </u>	<u>!</u>	7 101	
w	9 1	<u></u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		
******	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	!	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		
		<u> </u>	<u> </u>	<u> </u>	<u></u>	<u> </u>	<u> </u>		L	<u> </u>	!	1	
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	!	<u> </u>	<u>!</u>	<u> </u>	<u> </u>	<u>:</u>	<u>i</u>	<u></u>	
VARBL	!: !:	<u> </u>		<u>L</u>	<u>L</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		1	1	<u> </u>
CALM		i><				><	><	><	><			Ě	İ
CALM					-	_	-	_	-	·/			

USAFETAC RAM G-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM AM ORSOLA.

SURFACE WINDS

MAR

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL WE	ATHER		. ,	 -			3300	-0500
	-				CON	DITION				_			
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥5	%	MEAN WIND SPEED
N		-			 						<u></u>		
NNE		33.3				i						33.3	5.
NE							i				j		
EN'			33.3		T							33.3	9.
E		1			i								
ESE					1		[
SE (T			
SSE													
S							İ	<u> </u>					
ssw						i	1						1
sw													<u> </u>
wsw			<u> </u>		<u> </u>			<u> </u>					<u> </u>
w		1	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u>i</u>	<u> </u>	<u> </u>			<u> </u>
WWW		33.3			<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>		33.3	4.
NW		<u> </u>			<u> </u>	<u> </u>	ļ			<u> </u>	<u> </u>	<u> </u>	
NNW		<u> </u>	<u> </u>		<u> </u>	<u> </u>						ļ	
VARBL	<u>, ———</u>	Ļ			<u> </u>	Ļ	ļ	Ļ		Ļ,		 	
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\leq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$		
		65 1	33.3									100.0	6.

68,73,76

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22500	MHCE	FFL HLD					00-	10,13						HR
STATION			STATION	NAME						YEARS				CONTH
						ALL WE	ATHER						9600	0080-
							LASS						HOUR	s (L s.T.)
		_				CON	DITION							
		_						·						
	SPESD (KNTS) DIR	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	3.8	3.0	1.0									7.7	3.9
	NNE	1.9	1.1	. 7									3.8	4.1
	NE	.8	1 7	• 8	. 5			[3.8	6.0
	ENE	1.3	1.8	2.2	• 6				I				5.8	6.6
	E	1.1	2.7	2.6	1.1	• 1							7.7	7.3
									,					

DIK							ļ	ł	1	1	1	!	SPEED
N	3.8	3.0	1.0						1	1		7.7	3.9
NNE	1.9	1.1	. 7				1.				1	3.8	4.1
NE	.8	1 7	• 8	. 5			[1	3.8	6.0
ENE	1.3	1.8	2.2	• 6				1		Ī		5.8	6.6
E	1.1	2.7	2.6	1.1	• 1							7.7	7.3
ESE	.9	1	1.0	• 1			Ĭ				1	3.5	5.4
SÉ	• 3	• 3	•1				1			i	1	• 8	3.7
SSE	.5	1.1	. 3	.1							1	2.0	5.6
S	1.0	• 7	.8	• 2			T				1	2.7	5.7
SSW	•5	• 5	• 1	• 2			i i					1.3	5.7
sw	•1	• 2						i	1			• 3	3.3
wsw	.3								1		1	• 3	2.3
w	2.3	• 9	•1									3.3	3.1
WNW	4.2	1.1										5.3	2.7
NW	5.9	3.5	• 3					1]			9.8	3.2
мим	3.1	2.2	• 3								Ţ	5.6	3.5
VARBL													
CAIM		><				\geq				>		36.2	
	28.0	22.4	10.5	2.8	• 1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 879

USAFETAC FORM $_{\mathrm{JUL}}$ 64 0-8-5 (OL-A) previous editions of this form are obsolete

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

MAR

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

68-70,73-79

					ALL WE							0900	
					CI	ASS						HOUR	, (1
	_				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	
N	2.3	2.5	1.9	• 1						1		6.8	Γ
NNE	1.0	2.5	1.1	• 2						Ĺ		4.7	Γ
NE	.9	2.4	3.4	2.0								ಕ್ಕ7	
ENE	1.3	4.6	7.8	3.4	• 6			<u> </u>	Ì			17.8	
Ε	1.4	4.0	8.7	5.1	• 9					i		21.1	
ESE	•6	1.8	2.5	1.5								6.5	
SE	.4	1.7	1.1	• 2		l	l	L	<u> </u>			3.4	
SSE	1.0	1.5	2.0	•2			ļ					4.7	L
<u> </u>	1.6	1.1	1.6	1.0				<u> </u>	<u> </u>	<u> </u>		4.6	L
SSW	• 5		. 4	 		<u> </u>		<u> </u>		<u> </u>		1.0	L
sw	• 2	• 2	. 3			<u> </u>	<u> </u>		<u> </u>	<u> </u>		• 8	L
WSW	.4	• 2	. 4			<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	1.1	L
W	•6	• 4	• 2			İ	<u> </u>	<u> </u>	<u> </u>		L	1.3	L
WNW	1.6	. 3	• 2	<u> </u>	ļ	<u> </u>		<u> </u>	<u> </u>			1.5	L
NW	1.2	• 8	• 4	.4	ļ	<u> </u>				<u> </u>		2.8	Ļ
NNW	.8	1.0	1.6	•1						 	ļ	3.4	L
VARBL	ļ		ļ	ļ	ļ		ļ	Ļ	Ļ	Ļ			Ļ
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$			9.8	L
	14.5	24.9	33.9	15.4	1.5		1	L				100.0	

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

WNW

NNW

VARBL

CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	"HEE	LER AFR	HI				68-	70,73-	-79				M	AR
STATION			STATION	MYME						TARS				HTHO
						ALL WE	ATHER						1200	-1490
						CI	LASS.						HOUR	\$ (L S.T.)
		_				COX	DITION							
		_												
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.2	1.3	2.5	.1				İ	 	i		4.1	7.1
	NNE	. 4	1.7	2.2	• 3				<u> </u>	i			4.6	7.5
	NE	• 5	1.7	5.4	4.7	•2			 	1			12.5	9.8
	ENE	• 3	2.0	8.8	7.5	1.2	•1						20.0	10.7
	E	• 6	1.2	10.2	11.5	•6			 	i			24.2	10.7
	ESE		1.0	2.7	2.2								5.8	9.7
	SE	• 2	1.0	2.0	. 0	• 1				I			4.2	8.3
	SSE	•1	. 4	1.9	1.4								3.9	9.3
	S	• 1	• 9	1.7	1.5								4.2	9.1
	SSW		• 1	• 8	• 3								1.2	9.2
	sw			• 5	•2				<u> </u>				• 8	9.6
	WSW	• 2	, 4	• 1	• 3		i						1.1	6.9

TOTAL NUMBER OF OBSERVATIONS

1.0

1.6 2.7

5.5

2.6

100.0

4.6

5.9 7.4

9.2

• 1

• 4

1.3

2.7

•1

. 4

5 د

. 8

.9

• 6

• 3

. 8

22508 WHEELER AFE HI

SURFACE WINDS

MAR

100.0

929

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

68-70,73-79

STATION			STATIO	KATHE						7EARS			•	HOMIN
						ALL WE	ATHER						1500	-1700
							LASS						HOUR	S (L S.T)
		_				CON	EITION							
										_				
								,						
	SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	.8	1.6	1.5	.3	i	i			†			4.2	6.4
	NNE	.3	1.1	2.7	• 4	.2	i	i		T	T	i	4.7	8.0
	HE	.3	2.2	6.1	4.8	.2	1		l	1	T		13.7	9.7
	ENE	.6	3.3	11.3	7.8	• 6		i					23.7	9.8
	E	1.0	2.3	10.7	8.7	.5				1	 	I	23.3	10.1
	ESE	•1	• 6	1.8	1.1		•1		!				3.8	9.3
	SE	.2	1.1	• 9	• 8	·		1		T			2.9	7.7
	SSE	.1	• 6	1.5	• 4	• 1			i	1			2.8	8.7
	S	- 1	• 9	2.5	• 4								3.9	8.3
	ssw	• 2		• 2	• 2								.6	7.7
	sw	. 4	• 2	• 4	• 1				Ī				1.2	6.2
	wsw		• 6	. 4	• 2	<u> </u>							1.3	7.8
	w	. 2	• 2	• 5		• 1			·				1.1	7.8
	WNW	.5	. 9	. 8	• 1								2.3	5.9
	NW	. 3	1.8	1.2	• 4								3.8	7.0
	NNW	. 3	1.7	2.5	.6								5.2	7.5
	VARBL		L			L								
	CALM		> <										1.7	

USAFETAC FORM ARE 08-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE 0850LETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	AHEELER AFB	HI	68-70,7	'3-79	4 42
STATION		STATION PARE		YEARS	RTHOM
			ALL WEATHER		1800-2000
			CLASS		HOURS (LST)
			CONDITION		

SPEED (KNTS) DIR	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.6	3.0	. 9	.1			1					6.6	4 • 6
NNE .	2.3	4.0	1.7	.7			!	!		1		8.4	5.6
NE	2.8	4.3	4.3	• 6	•1							12.2	6.1
ENE	2.3	4.8	4.3	2.2	• 5							14.0	7.2
Ε	2.6	5.9	6.1	2.3			ļ — —		-	1		16.9	6.8
ESE	1.1	1.7	1.4	•2								4.4	5.8
SE	. 5	1.2	• 2							1		1.9	ų , 4
SSE	• 5	. 9	• 5	.2								2.0	5.9
S	. 8	• 7	1.1									2.6	5.5
SSW	•2	• 1	_		,						-	.3	3.7
sw	• 2	• 2	• 2	•1		• 1						. 9	8.3
wsw	.5	• 2	• 2									. 9	4.3
w	•6	• 3		• 3								1.2	5 - 8
WNW	1.0	•1	• 1									1.2	3.5
N₩	1.8	1.0	. 8									3.6	4.1
MMM	2.4	4 • 1	1.5									8.0	4.7
VARBL									i	i		1	
CALM		$\geq <$	> <	><	><	><	><		> <	$\supset \subset$	> <	14.7	
	21.9	32.6	23.4	5.7	.6	• 1				T		100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 880

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM THE OBSOLETE

sw

wsw

WNW

NW

NNW

VARBL

C

. 4

2.7

2.7

4.8

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2508	MHEEL	ER AFB					68-	70,73-	79					AR
STATION			STATION	NAME					,	EARS			-	IONTH
						ALL NE	ATHER						2100	-2300
						C	LASS						HOUR	5 (L S T.)
						501	IDITION							
		_												
	SPEFD (KN.S) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	и ;	4.21	4.3	.6									8.8	3.8
	NNE	2.9	2.5	•2									5.7	3.8
	NE	2.3	2.9	1.0	• 4		i						6.7	5.2
	ENE	1.9	4.0	1.9	• 4		Ī					i	5.2	5.5
	E	2.3	2.5	2.9	1.0		 		i		1		8 • 8	6.5
	ESE	1.0	1.3	.8	• 2		 		i				3.4	5.8
	SE	•2	• 8	. 4			 	I	i	I			1.5	5.3
	SSE	.6	•2	.4					l		1		1.3	4.2
	5	•8	• 4	. 4			T		i – – –	T	i		1.7	5.0
							 -			:				~~~

TOTAL NUMBER OF OBSERVATIONS

477

3.4

4 • D

4.2

JSAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

. 4

.8

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E

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508 AHEELER AFB HI 68-70, 73-79 MANE STATION NAME STATION NAME STATION NAME NOW	>
ALL WEATHERALL	
CLASS HOURS (C	5 T)

SPEED (KNTS) DIR	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	. 28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.1	2.4	1.5	•1					!	1	:	6.1	5 • G
NNE	1.3	2.1	1.5	. 3	.:		!	;			:	5.3	5.9
NE	1.2	2.5	3.8	2.4	• 1		1	i				9.9	8.2
ENE	1.2.	3.4	6,5	4.0	.5	• 5				1	1	15.6	8.9
E	1.4	3.1	7.3	5.6	. 4		:		1	i		17.8	9.1
ESE	.6	1.3	1.5	1.0		• 0			1		i –	4.7	7.7
SE .	•31	1.1	.8	• 3	• 9						Ī	2.6	6.7
SSE	. 4	.9	1.2	.4	• C		i	1		1	i	2.9	7.2
S	.6	.8	1.5	.61			:	ī	<u> </u>	;		3.4	7.3
ssw	• 3	• 2	• 3	•1							1	. 9	6.2
sw	•2	• 2	• 3	• 1		•0	!		i -	1		.8	6.9
wsw	.3	• 3	• 2	•1				1	 			.9	5.9
w	1.0	• 5	•2	•1	• 0		l			 		1.8	4.1
WWW	1.5	• 7	• 3	•0						i		2.5	3.9
NW	1.9	1.5	• 8	• 2			i	T	i	1	<u> </u>	4.5	4.7
WMK	1.8	2.2	1.6	•2			i	1	1			5.8	5.3
VARBL										!	 	<u> </u>	
CALM		\geq	\times	\times	\times	>	\geq		\boxtimes	\boxtimes		14.5	
	16.2	23.1	29.5	15.6	1.2	• 1						190.0	6.3

TOTAL NUMBER OF OBSERVATIONS 5028

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIP *EATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MHEELER AFB HI 22538 73 2020-0200 ALL WEATHER HO'RS (L S T.) MEAN WIND SPEED 3.0 3.0 5.0 33.3 15.7 NNE 16.7 NE Ε ESE SE SSE SSW SW WSW. WNW NW 3.5 NNW 33.3 VARBL 100.0

TOTAL NUMBER OF OBSERVATIONS

C

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	MEEL	LER AFB	HI				75,	76					A	PP	
			STATION	KAWE					7	Eirs				HONTH	
						ALL WE	ATHER						0300	-0500	
						¢:	USS						HOUR	\$ (£ 5.T.)	
							D1=10 N								
		_													
	SPEED												i	MEAN	
	(KNTS) DIR.	، ٠ ٠ ٠	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND SPEED	
	N												;		
	NNE														
	NE		1		1										l
	ENE	11.1	11.1										22.2	4.5	
	E		11.1										11.1	5.0	
L	ESE	!	11.1		<u></u>								11.1	u.0	į
L	SE :												1		į
L		!	!		<u>.</u>								}	li	
L	S						!						<u> </u>		į
L	ssw				<u> </u>										į
L	SW	1	<u> </u>		<u> </u>								ــــــــــــــــــــــــــــــــــــــ		
 _	wsw		<u> </u>		<u>!</u>										į
\vdash	w	11.1											11.1	1.9	
<u>_</u>	WNW		<u> </u>		L		<u> </u>								į
<u> </u>	NW		11.1		<u> </u>								11.1	4.0	J
L	NNW	11.1			!								11.1	3.0	į
<u>_</u>	VAR81		Ļ ,	<u> </u>	<u></u>	L	L	<u></u>	<u></u>		L,	<u></u>		<u> </u>	į
	CAUM	$\geq \leq$	$\geq \leq$	$\geq \leq$			$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	22.2		
		33.3	44.4										100.0	2.9	i

USAFETAC FORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLUTE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	MHEELER AFB HI	68-70,73-79	APR
STAT*OH	STATICY NAME	YEA	ES MCHTH
		ALL WEATHER	0600-0800
		CLASS	HOURS (L.S T.)
		MOLTICHOL	

SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.1	1.9	.6				,	i	1			5.6	3.4
NNE	1.1	1.8	.7	• 1			i	1		:	,	3.7	5.1
NE	2.3	1.2	1.3	•1			1	 			<u> </u>	5.4	4.8
ENE	1.6	2.6	1.3	•6			, 	T	T	1	1	5.1	5.5
E 1,	1.8	3.0	2.3	•2	. 4		i	i		 -	1	7.7	6.D
ESE !	1.3	1.2	• 5					!	i —	!	ī	3.0	4.2
SE ,	1.2	•5						ī	Ī	<u> </u>	Ī	1.7	2.8
SSF	.7	1.0	•1				1]	 	1	i	1.8	3.6
5	. 4	.2	•2				1	!	 	ī	Ī	.8	5.0
SSW	• 5	•1		•1			T	Γ	 	T	<u> </u>	• 7	4.0
SW	• 4						;			T	i	. 4	2.0
wsw	• 8						i	1	 			8.	1.9
w	1.8			i			i	!	i	i	 	1.8	2.2
WNW	3.6	1.6					<u> </u>		T	1		5.1	3.0
NW	3.8	2.3	.5	•1			 		ì	i	<u> </u>	6.7	3.6
WKK	6.31	1.7	. 5	•1				1	T	1		8.6	3.1
VARBL								T	1		Ι	9	
CALM		>	> <	> <	> <	>		\supset				40.0	
	31.1	19.0	8.0	1.4	.4					T		100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

835

USAFETAC FORM (-3-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OF SOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2250a	*HEELER AFB HI	68-70,73-79	APR
STATION	STATION NAME	111	RS MOMTH
		ALL WEATHER	0960-1100
		CUSS	HOURS (L S T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	. 28 - 33	34 - 40	41 - 47	48 - 55	≥56	% ,	MEAN WIND SPEED
N	1.1	2.5	1.6	.8								5.9	6.5
MNE	1.9	2.3	2.8	.7	• 1			•				7.5	5.6
NE	1.6.	3.5	6.9	2.6	•2		;			-	:	14.8	8.2
ENE	1.2	4.4	7.9	3.6						:		17.1	6.1
E	1.5	5.5	10.1	5.4	.4		:	T	:		!	23.8	8.7
ESE	• 5	2.8	2.3	- 8	•1				i ——			6.5	7.3
SE	.7:	1.5	. 9	. 4	-					í	;	3.8	6.3
SSE	.4	•7	.7	• 3			•	-	i	T T		2.1	6.9
	, .7	2.3	• 7	•1				-				3.5	5.3
ssw	F .1:	• 3 .	• 3						i	1	ì	3 .8	6.0
sw	;	•1	.3	• i					1	Ī	!	.61	8.4
wsw	-1	.:	.1					:	:			.31	5 • 3
₩	.2	į					i	•	Ī	Ī	1	.21	2.5
WNW	.3	• 2	.1				i		i	T		.7	4.2
NW	.21	.31	.3				Ī			1	i	.9	5.6
NNW	.71	1.2	1.6	• 2				i	i —			3.7!	6.3
VARBL	i						l .	ĺ				<u> </u>	
CALM		$\geq \langle$	$\supset \subset$	\searrow	\supset	\geq	\boxtimes		\boxtimes			7.7	
	11.3	27.4	36.7	16.0	. 9		Ī					190.0	7.0

TOTAL NUMBER OF OBSERVATIONS

894

USAFETAC FORM AS 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2250s	AHEELER AFB HI	68-70,73-79	AP=
STATION	STAT/OF TABLE	YELDS	MOMIN
		ALL WEATHER	1200-1400
		CLAIS	NOURS (L.S.T.)
		rorr.cec2	

SPEED (KNTS) DIR.		1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	. %	MEAN WIND SPEED
N		• 2	1.1	2.7	3.	• 1			1		i		4.9	8.8
NNE		• 2	1.3	3.5	1.2	• 3							5.5	8.8
NE		• 3	1.9	6.4	5.9	• 4	• 2		!	1			15.2	10.2
ENE		. 2	2.5	11.0	8.4	1.0				į		1	23.1	10.5
Ε	i	. 4	1.5	12.1	9.2	• 3 .	•1		!		1	!	24.4	10.4
ESE	ř	• 2	1.2	1.7	2.7	. 4			!	i	7		6.3	10.0
SE		•1	• 2	1.1	• 3	.1			1	<u> </u>			1.9	9.1
SSE	£	• 1	1.1	1.1	• 3						<u> </u>	:	2.7	7.7
5	3	. 4	1.0	1.1	.7				!		i	:	3.2	7.4
\$SW	1	•1	, 4	. 7	•1					i		i	1.3	7.3
sw	Ę	. 1	• 4	. 1					1	1		}	.7	5.2
WSW	*	. 2	• 3	• 3						i		i	. 9	5.9
w	H	.1	1.0	• 2									1.3	5.2
WNW	H	.1	• 1	• 3	•1					T			. 7	7.3
NW	ij		• 6	1.2	• 9						1		2.7	9.0
NWW	Į.		. 7	1.3	• 3					1			2.4	5.0
VARSL	ä													
CALM	Tana (> <	$\supset \subset$	$\supset \subset$	\times	\times	> <	\geq		\boxtimes	\boxtimes		1.7	
	-	3.0	15.8	44.9	31.0	3.2	• 3						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM (1-9-5 (OI -4.) PRIVACIN EDITIONS OF THIS FORM ARE CASCULT

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508 STATES	aHEELER AFB HI	68-72,73-79	APR
STATES	STATION NAME	AETH A	RIACH
		ALL WEATHER	1500-1700
		CLASS	SCUPS (LS 1.)
		CONDITION	_

SPEED (KNTS) DIR,	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	. 34 - 40	41-47	43 - 55	≥56	. %	MEAN WIND SPEED
N	. 4	2.2.	2.9	• 8					:			6.4	7.3
NNE	1.3	1.9	2.3	1.9								7.2	8.5
NE	• 3	3.5	8.4	5.7	.4			Ī	ī		1	18.3	9.5
ENE	• 7	3.7.	13.4	8.4	• 8							27.G	9.7
E	6	2.5	9.4	5.8	•1			T	i	;		19.5	9.6
ESE		.7	1.2	1.1	• 1			:	T		;	3.6	9.0
SE	•2	• 7	. 3	.4,				-	 			2.1	7.7
SSE	. 3			.1				:		Ī		1 1.5	5.8
s	5	• 7	. 7	5.		;		:	T	·		2.7	7.5
SSW	: 1	. 4	• 2						Ī	T	:	1 .5	5.9
SW	ī	. 4				,			T	Ī T	!	1 .7	5.5
wsw		•2	. 1					:	:			1 .31	5.7
w	· 1 ·	• 5	• 1				<u> </u>	T	ī	;	I	.51	5.0
WNW	, 1	. 4						,	T	!	 	1.0	6.3
NW	.2!	.7	1.5			i	<u> </u>	 	 	Ť T	T	2.01	7.1
NNW	.31	1.1	2.0				 	ī	 	 		3.9	
VARBL	ķ					i		Ť	Ì	 	i		
CALM	$\geq \leq$	$\geq \leq$	\geq	\geq	$\geq \leq$	$\geq <$	\boxtimes			$\supset <$		2.3	
	5.5	20.4	43.7	26.6	1.5							100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM G-S-5 (DL-A) PRIVIOUS SOCIONI OF THIS FORM ARE OBSOLES

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

68-70,73-79	APR
YEARS	HJHTH
ALL WEATHER	1800-2000
CLASS	HOURS (L.S.T.)
CONDITION	
	ALL WEATHER CLASS

SFEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	,%	MEAN WIND SPEED
N	2.4	4.8	1.6	• 1							 	8.9	4.9
NNE	2.8	3.5	1.7	• 6						i		8.5	5.2
NE	2.3	4.9	4 - 7	1.2								13.1	6.4
ENE	2.2	5.8	7.5	2.3						i		17.7	7.9
E	2.5	5.4	5.4	2.2								15.5	6.9
ESĘ	1.1	2.2	• 7	•1							1	4.1	5 • 2
SE	• 5	1.0	• 4	•1		i					i	1.9	5.4
SSE	• 4	1.1	• 7	• 2							 	2.4	6.0
5	.7	. 7	• 1					i		1		1.6	3 • 8
ssw	ر 5											•5	3.0
sw	• 2	• 1	• 1					[!]		• 5	4 • 5
WSW		• l				Π —				1		•1	4.0
W	• 2	• 4					1		ļ	1		•6	4.4
WNW	. 4	• 1	• 1						1			•6	4 • 2
NW	.7	. 4	• 7			T						1.8	5 • 5
NNW	2.3	2.5	1.4	.1								6.4	4 • 8
VARBL						1							
CALM		$\geq <$	\geq	\geq				\geq	\boxtimes			15.7	
	19.2	33.0	25.2	7.0		L						100.0	5 • 1

TOTAL NUMBER OF OBST: VATIONS 830

USAFETAC FORM 0.8-5 (OL-A) PREVIOUS SOITIONS OF THIS FORM ARE OBSOLETI

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

APR
STATION

WHEELER AFB HI

STATION MAME

ALL WEATHER

CONDITION

CONDITION

APR

MOURS (L S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	5.9	2.0	1.3			1		1	1			9.2	3.6
NNE	2.0	1.3	• 9									4 • 2	4.4
NE	1.8	4.4	2.6	• 7								9.4	5.7
ENE	2.0	3.5	1.5							T		7.0	4.8
E	2.2	2.4	3.9	1.1								9.6	6 • 5
ESE	.7	1.5										2.2	4 • 5
SE	• 4	• 2	• 4				1					1.1	5.0
SSE	• 2	. 4										• 7	4.0
S	. 4	• 4								<u> </u>		.9	2.8
ssw	• 2	• 2										• 4	3.5
sw												1	
wsw	. 4	• 2										. 7	3.0
w	1.5	• 7							L	ļ		2.2	2.8
WNW	3 • 1	• 7										3.7	2.9
NW	2.4	• 9	• 2									3.5	3.1
WNM	_3.7	1.5	. 4	_o 4								6.1	4.0
VARBL													
CALM					\geq	\geq				$\geq <$		39.0	
	27.0	20.4	11.4	2.2								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 456

USAFETAC $\frac{\text{FCRM}}{\text{JUL 64}}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

*HEELER AFB HI	68-70,73-79		APR
STATION NAME		YEARS	MONTH
	ALL WEATHER		ALL
	CLASS		HOURS (E.S T.)
	CONDITION		
		STATION NAME ALL WEATHER CLASS	STATION HAME ALL WEATHER CLASS

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.9	2.4	1.8	• 5	• 3							6.6	5.
NNE	1.5	2.0	2.1	• 8	• 1							6.5	6.
NE	1.5	3 • 1	□•3	2.9	• 2	• 0						13.1	8.
ENE	1.2	3.8	7.7	4.3	• 3							17.3	8.
E	1.4	3.5	7.6	4.7	_ 3	• 0						17.5	8.
ESE	• 7	1.6	1.2	• 9	• 1							4.5	7.
SE	• 5	• 8	• 6	•2	•9					1		2.2	6.
SSE	. 4	• 8	• 6	• 2]				1	2.0	6.
S	• 5	• 9	.5	• 3								2.2	6.
ssw	• 2	• 3	• 2	•0							i	. 8	5.
sw	• 1	• 2	• 1	•0								• 5	5.
wsw	• 2	• 2	• 1									• 5	4.
W	• 6	• 4	•1									1.1	3.
WNW	1,1	5	• 2	•0								1.8	3.
NW	1.1	• 9	.7	•2								2.9	5.
WNN	2.1	1.5	1.3	• 3								5.1	5.
VARBL													
CALM				><								15.5	
	15.1	22.9	30.1	15.3	1,1	.1						100.0	6.

TOTAL NUMBER OF OBSERVATIONS 4817

USAFETAC FORM G-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

22508 *HEELER AFB HI

C

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

MAY

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73,76

	SIAIION	MARE					,	LTYNE			•	VAIN
				ALL WE	ATHER							-0200
				CI	LASS						HOURS	(L S T.)
				CON	DITION							
SPEED								Γ	<u> </u>			MEAN
(KNTS) 1 · 3 DIR.	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND SPEED
И	25.0							İ			25.0	4.0
NNS												
NE		25∙₽									25.0	10.0
ENE									I			
E		0.0									50.0	7.5
ESE	T-											
SE									1			
SSE			i									
S									Ī			
ssw				i				i	1			
sw												
wsw								Ī				
w												
WNW					ļ							
NW							l					
NNW								I				
VARCL								I				
CALM		><		><		><				><		
		75.0						T	T		100.0	7,3

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508		LER AFB					68-	70,73-						AY
STATION		-	STATION			ALL WE	ATHER		<u></u>	EARS			0600	-0800 -0800
		-				COM	DITION							
	SPEED (KNTS) DIR.	1 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	%	MEAN WIND SPEED
	N	2.7	1.3				i				ii		4.0	2.9
	NNE	2.1	1.3	• 6					i	i			4.C	3.8
	NE	1.5	2.5	1.2	. 4		 		i — —		i		5.5	5.3
	ENE	1.8	1.5	1.1	• 5	<u> </u>	 		l		 		4.8	5.4
	E	1.8	2.8	1.2	• 2		i		<u> </u>	<u> </u>	 		6.0	5.2
	ESE	.8	• 9	• 1			i			i	ii		1.9	3.9
	SE	.6	• 5	•1		<u> </u>	 		i		ii		1.2	3.5
	SSE	1 .1	• 2	• 7	• 1				 		i		1.2	7.1
	5	.2	• 7	• 2			i		 				1.2	4.8
	ssw	.7					i		i		ii		.7	2.0
	sw	.4	i					i	i — —	i			.4	2.7
	WSW	.7					1	i		i	i		.7	1.8
	W	1.2	• 5			i	1	i	i	i — —			1.6	2.9
	WNW	3.2	• 6	•1									3.9	2.8
	NW	4.3	2.6	. 2		i			i _				7.1	3.2
	WWW	3.0	1.1	• 6				_					4.7	3.4
	VARBL													
	CAIM		\geq	\geq	\geq	$\geq \leq$	$\geq <$	\geq	\geq	\geq	\times	$\geq \leq$	51.3	
		25.0	16.4	6.1	1.2								100.0	2.0

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	*HEELER AFB HI	68-70,73-	79	MAY.
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		3900-1100
		CLASS		HOURS (L S T.)
		CONDITION		

SPEED (KNTS) DIR	1 · 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 4	• 9	• 6									1.9	5.5
NNE	. 8	1.7	2.6	•5								5.6	6.7
NE	1.5	4.5	6.6	2.2	• 1							14.9	7.6
ENE .	• 6	5.2	9.2	3.6	• 3					1		19.9	8.2
E	2.2	6.D	11.8	3.8						1		23.8	7,7
ESE	. 9	2.2	3.3	• 9								7.2	7.2
SE	1.2	2.5	2.3	• 3								6.3	6.2
SSE	1.2	1.7	1.1	• 2						T		4.2	5.3
s	1.1	1.8	1.0	. 4								4.3	5.6
ssw	• 1	. 3	• 2									.6	5.5
sw	• 2		•1	•1								• 4	6 • D
wsw	•2							T T		1		.2	2.0
w	.1	• 1										•2	4.0
WNW		• 1	. 3						T			• 4	6.8
NW	.4	•2	• 2	•1			i					•0	5.0
WMM	• 3	.8	•2									1.3	5.0
VARBL					i	[T				
CALM		> <			> <	>>	\supset		\supset	$\supset <$		7.7	
	11.2	29.0	39.5	12.1	,4							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

926

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE CASOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	*HEELER AFB HI	MAY							
STATION	SMAN HOITATE	YEARS	HTMON						
	Ai	ALL WEATHER							
		CLASS	HOURS (L S.T.)						
		CONDITION							

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	1 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.1	. 8	• 5	• 1						1		1.5	6.7
NNE	• 4	. 8	2.5	1.4	• 1	i		1			I	5.2	3.9
NE	•2	1.8	7.3	5.6	•6					1		15.6	10.0
ENE	.4	3.8	12.4	8.9	• 8							26.3	10.0
Ε	• 3	3.1	11.0	6.0	•5]		T	1	21.0	9.4
ESE	• 3	1 • 4	3.6	1.0			i			1	!	6.2	8 • 2
SE	.1	1.8	2.4	• 9	• 1							5.3	8.0
SSE	.4	1.0	3.2	. 4			!		1			5.1	7.5
S	.8	1.3	1.7	• 5				i			i	4.3	6.6
ssw		1.0	• 3	l			!		T	!	Γ	1.6	J.0
sw	•2	. 6	• 1								I	1.0	4 • 3
wsw		. 1	• 1									•2	5 • 5
w	.3		• 3								i	• 6	5.8
WNW	. 1	• 1	• 5			!		i	1	1	i	• 8	7.0
NW		• 3	. 2				i	!			T	• 5	6 • □
WMM	.6	. 9	1.1	.1		•	T	1			1	2.7	5.8
VARBL													
CALM	$\geq \leq$	$\geq \leq$		\geq	$\geq \leq$	\geq	\geq		\geq	\boxtimes		2.0	
	4.7	18.7	47.3	25.0	2.2							100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

928

USAFETAC FORM 0-8-5 "DL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR MEATHER SERVICE/MAC

wsw

NW NNW VARBL CALM

SURFACE WINDS

•2 1.4

100.0

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22538	MHEEL	LER AFB	нI				68-	70,73-	-79				ч	AY
STATION			STATION	MAME						YELES			- -	IONTA
						ALL WE	ATHER						1500	-1700
		_				Č.	J35						HOVE	(L S T.)
		۔ ۔				CON	DIVION				_			
		-									_			
		, 		<u></u>					i		i		11 1	
	SPEED (KNIS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥.56	*	MEAN WIND SPEED
	N	• 1	1.4	1.4					i		1	1	2.9	6.9
	NNE ,	. 4	1.2	2.4	1.3	•2					!		5.5	8.6
	NE	. 4	2.3	6.1	4.4	• 3			i ——				13.5	9.6
	ENE	• 5	6.3	13.8	7.8	•6							29.1	9.2
	E	• 4	6.1	11.2	5.2	•2			1		ī		23.1	8.5
	ESE	•6	2.0	2.7	•8				Ţ				6.1	7.2
	SE		1.0	1.7	• 5				i		 		3.2	7.9
	SSE	. 4	1.7	1.1	•2				T	i	1		3.4	6.2
	s	1.0	1.7	1.5	•1				i ——		1		3.8	5.3
	COL	. 5	- C I		. 2					1	T		1.6	5.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLC3AL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPFED (FROM HOURLY OBSERVATIONS)

22508 MHEI	ELER AFB HI STATION NAME	68-7C,73-79	\$ MONTH
		ALL WEATHER	1800-20
		cuss	HOURS (L.S.)
		CONCITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	71 - 16	i7 - 21	22 - 27	29 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.01	1.5	• 7					i				4.3	4.3
NNE	1.2	3.8	2.5	• 5				i	<u> </u>	Γ		7.5	6.1
NE	2.1	5.8	4.7	1.3			i	ī —	i	Γ		14.0	6.5
ENE	3.0	9.1	7.7	1.3	.1			T				21.2	6.5
E	3.3	7.0	5.3	• 6			l		Ţ	 		16.2	5.7
ESE	1.3	1.8	1.5	• 2				!				5.3	5.4
SE	1.7	1.2	8.	•1			:	1		Γ		3,8	4.5
SSE	1.7	1.7	.7	.1						T		4.1	4.7
5	.91	• 9	.2				i -	T	,			2.1	3.8
ssw	_ 5	• 4					ļ	1				•8	3.0
sw	.1		i				<u> </u>	ī		1		.2	4.0
wsw	.1	•1		i						T		•2	3.0
	•2			!								•2	2.0
WNW	• 2		•2				i	i				•5	5.5
NW	.5	, 7	•1		i	i	T	1	1	1	i	1.3	4.4
мим	. 9	1.2	.5	Ĭ			1				I	2.6	4.5
VARBL				i			T		T	T	I		
CALM		> <				><						15.6	
	20.2	35.3	24.6	9.1	.1							100.0	4.8

TOTAL NUMBER OF OBSENVATIONS 845

JSAFETAC FORM 0-9-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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GLOBAL CLIMATOLOGY BRANCH - SAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22503	MHEE	LER AF	В КІ			68-70,73-79										
STATION			STATIS	M MANE						YELRS				MONTH		
						ALI WE	SATHER						2130	0-2300		
							LASS				_ 		MOU	IS (L S T.)		
						COA	POITICE									
		,														
	SPEED (KNTS)	1 - 3	. 4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 77	28 - 33	34 - 40	41 - 47	48 - 55	≥56	**************************************	MEAN WIND SPEED
н	2.6 i	2.8								!	i	5.3	3.5
NNE	3.01	2.1	.6						i			5.8	4.0
NE .	2.6	2.1	1.1	• 2		· -					Γ	1 6.0	4.6
ENE !	2.4	3.8	1.7	•2								8.1	5.1
E	1.9	2.1	2.1	•6		· · · · · ·						6.8	6.2
ESE	.4	1.9	•2	•2								2.8	5.5
SE	•2	. 4	•2			i				i		• 9	5.0
SSE	1.1	.9	. 4					i	i		i	2.4	4.2
s		. 4	•2)			i	i			• 6	5.0
SSW	•2					i			i			• 2	2.0
sw	.9							i		i		.9	2.5
WSW	• 6					i		i ——				.6	2.7
w	1.5	• 4							!		<u> </u>	1 1.9	3.1
WNW	•6	. 4				i		i	i	i		1.1	3.0
NW	1.7	1.9	•2			i		i — —			 	3.8	4.0
NNW	2.6	1.9						 		<u> </u>	<u> </u>	4.5	3.2
VARBL					i					 	 	1	
CALM	><	> <	> <	>	> <	>	> <	> <	> <			48.3	
	22.2	21.4	6.8	1.3								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 468

USAFETAC $\frac{\text{FORM}}{\text{RR}}$ G-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP *EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22578	*HEELER AFB HI	68-70,73-79	YAY
STATION	3 MAM MCITATS	YEARS	MONTH
		ALL WEATHER	ALL
		CLASS	HOURS (L S T.)
		CONDITION	

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
н	1.2	1.3	.6	•0			,	<u> </u>	T			3.1	4.7
NNE	1.2	1.8	1.9	• 7	• 1				1	i	j	5.5	6.1
NE	1.3	3.2	4.9	2.6	•2				i		i	12.2	8.1
ENS	1.3	5.2	8.3	4.1	• 3							19.3	8.4
E	1.6	4.7	7.7	3.0						1		17.2	7.8
ESE	. 8	1.7	2.1	• 5			1			1	Ī	5.2	8.6
SE	. 6	1.3	1.4	• 3	0							3.7	6.5
SSE	· 8 1	1.2	1.3	•2	1		!				i	3.5	6.0
S	.7	1.2	8.	• 2	i		i			Ĭ		2.9	5.5
SS₩	.41	• 5	• 1	•0			!	Ī				1.0	4.4
sw	• 3	• 2	• 0	•6	1							• 5	4.0
wsw	.3	• 1	•0									.4	3.0
w	•5	. 1	• 1			i		l'				.7	3 • 6
WNW	7	• 2	• 3									1.2	4.1
NW	1.1	• 9	• 2	. 0							i	2.4	4.0
WMM	1.2	1.0	• 5	•0								2.7	4.3
VARBL	1										i		
CALM		$\geq <$	\geq	\geq		\geq	\geq	$\triangleright <$	\boxtimes			18.5	
	13.9	24.8	30.2	11.8	. 8							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

4956

USAFETAC FORM 0-5-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE CREOKETE

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

69,73-74

NNE NE ENE ENE ESE SSE SSE SSW SW WSW W		_					LATHER						C 3 0 1
SPEED (KNTS) 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 ≥56		-				Çəi	PATICA						
NNE NE ENE ENE ESSE SSE SSE SSW SW WSW W	PEED (NTS)	1 - 3	4-6				22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	! *
NNE NE ENE ENE ESE SSE SSE SSW WSW W	N	14.3	i				:		ī	!	i	:	14.3
ENE ENE ENE ESE SSE SSE SSW SW WSW W	NNE						!	;	1	i —	Ť		<u>;</u>
ENE ESE ESE SSE SSW SSW SW WSW WNW WNW NW 14: 33	NE			- 1		í	i				1	T	5
ESE	ENE "			1						i	!	T	Ţ
SE	E _		1	ī							i i		1
SSE	ESE		:	1						1			1
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	SE '		1		,		ì					Π	1
SSW	SSE ,		7				I	!			1		1
SSW	S #		i			i			L				E 4
WSW	ssw i		1	i		1	!	<u> </u>		<u> </u>		<u> </u>	1
W WNW 14.3 1 1	sw B		_i	!	1	!	<u> </u>	<u> </u>	<u> </u>				4
MNW 14.3 1 1	wsw 1			!	!	!	<u> </u>		<u> </u>	<u> </u>		<u> </u>	1
NW 14.3 1 1	w i				1	1	<u> </u>	<u></u>	<u> </u>	1			<u> </u>
NNW .					•	<u> </u>	!			<u> </u>	<u> </u>	<u> </u>	Ě
~~~~~ <del>``</del> ~~~ <del>``</del> ~~ <del>``</del>	NW J	14.3	<u> </u>	!	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	14.3
VADRI N	4MM												à
	ARBL		<u> </u>			1		!					
CAUM 7	:AUA	$\geq \leq$	$\bigcirc$	$\langle \rangle \langle$		$\supset <$							71.4

SCACETAC FORM CO. CO. A.

SLIBAL CLIMATOLOGY BRANCH LSAFETAC AIM REATHER SERVICE/MAC

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### SURFACE WINDS

## PFRCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	MHELLER AFB HI	62-70,7	3-79	JUN
STATION	STATION MAME		YEARS	MONTH
		ALL WEATHER		3603~3800
	<del></del>	CLISS		HOURS (L.S.T.)
	<del></del>	#OxTIC#C2	<del></del>	
	1	, , ,	, , ,	•

SPSED (KNTS) DIR.	1.3	4-5	7 - 10	11 - 16	17 - 21	22 - 27	. 28 - 33	34 - 40	4: 47	43 - 55	≥5€	. <b>%</b> ;	MEAN WIND SPEED
N	2.3	1.0						1	:	:	-	3.2	2.9
NNE	2.2	1.2							1			3.31	3.3
NE	1.9	2.2	.7	• 1		<u> </u>	!	l			1	4.9	4.4
ENE	2.9	2.4	1.6	. 4			:	<u> </u>				7.2	4.8
E	2.6.	3.6	1.3	• 2			1			•		7.8	4.6
ESE	1.31	1.4	• 8					1		*		3.6	4.7
SE	1.0	.7	•6	• 1		!		:	ļ	į	!	2.4	4.9
SSE	. 6	•5	• 2			1		:				1.3	3.7
3	1.2	•1				1		:		1		: 1.3	2.1
ssw	. 1					i		i	1	1		3 .1	2.0
SW	•1					1			1	I	i	£ •1;	2.0
wsw	•5	• 1				i	1	ì		I	1	6.	2.4
w	2.3	. 4						1	!			2.6	2.3
WNW	2.8	. 4							1	!	1	3.1	2.7
NW	4.8	.7										5.5	2.5
NNW	2.91	2.0	• 1				Ī			ī	,	5.0	3.4
VARBL							i			I	!		
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$			$\boxtimes$	$\boxtimes$			47.8	
	29.3	16.5	5.4	.8								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 836

USAFETAC FORM C-2-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESCUTE

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22506 AHEELER AFB HI 58-70,73-79 JUN BOOTS

ALL XEATHER CRUITS

CONSISTEN

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	; ; ; 34 - 40	41-47	43 - 55	≥55	. % ;	MEAN CINTW SPEED
N	• 3	. 7	• 3					,				1.3	5.2
NNE	1.0	2.3	1.7	• 2								5.7	5 • 5
NE	l • î	4.3	7.5	1.7			-		!		Ī	14.6	7.4
ENE	2.0	7.9	13.2	2.7				!		7	1	25.8	7.6
E	3.1	8.3	12.3	3 • 5		-			1			27.1	7.3
દડદ	. 7	2.9	4.4	1.1				ļ			•	9.0	7,7
SE	• 7	1.3	1.5	- 8							!	4.4	7.2
SSE	• 3	• 9	• 9	. 4					1		1 ,	2.5	7.3
S	, •2	1.0	• 2	•2,				:	!	¥ \$	d .	1.7	6.1
\$SW	<u>د</u> . د	• 2	• 1			l	:		i	;	2	.3	4.4
\$w	é					!	1	1		1		4	
W.S.M.	1 .1	•1	• 2						!	1		ह <u>ै</u> . ध	5.8
₩	. 2							i	į	i	1	.2	2.0
WNW	.1!					<u> </u>	<u> </u>		1			.1	3.0
NW	5 ;	.1	.1					1				.2	6.0
MNW	E .6:	• 3					İ					.9	2.8
YARBL						!	1	•			1	5	
CALA		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\supset \!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!$		5.1	
	10.9	31.4	42.0	10.6		1	<u> </u>		<u> </u>			100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 896

USAFETAC FORM 0-8-5 (DL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SE VICE/MAC

> WWW WW

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSEF.: ATIONS)

22508	WHEE	LER AFB	нІ				63-	70,73-	79				J	UN
STATION			STATION	NAME					,	EARS			N	CONTH
						ALL WE	ATHER						1200	-1400
		_					ASS						HOVE	\$ (L.S T.)
		_				CON	SITION							
		_												
	SPEED		1											MEAN
	(KNTS) DIR.	1.3	4-6	7 - 10	11 - 15	17 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	۰ %	W:ND SPEED
										<u> </u>				
	Н	• 2	• 2	• 3						<u> </u>	<u> </u>		. 8	5.3
	NNE	. 3	. 7	1.8	• 7					<u> </u>	<u> </u>		3.5	7 . 8
	NE	.4	2.5	7.7	3.8	•2							14.6	9.1
	ENE	. 8	2.9	14.7	9.5	• 9				T			28.8	9.8
	E	• 3	2.5	10.2	10.0	• 3							31.3	9.9
	ESE		1.4	3.0	2.8	•1		i	i				7.4	9.8
	SE	•2	.7	2.6	1.3			<del> </del>		1	1		4.8	8.9
	SSE	•1	. 8	1.4	.8	•2		[			1		3.3	9.6
	5	• 3	•2	.6		i			i	!	i ———	<del> </del>	1.1	5.9
	ssw	• 2	• 3	<del></del>	•2	<u> </u>			ſ	1	1	·	1.0	6.8
	sw			•2		<del></del>	l	1	i			1	.2	7.5
	wsw	- 4	. 3			<del></del>	!	!			1	1	.9	3.9

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS FITTIONS OF 5 FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SEPVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	AHEELER AFB HT	68-70,73	-79	JUN
STATION	STATION HAME		YLARS	HONTH
		ALL WEATHER		1500-1700
		cuss		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.4	1.0	• 2	• 3					Ţ. ——			2.0	5.9
NNE	• 3	. 9	1.3	1.0						<u> </u>		3.6	8.7
NE	• 2	1.3	7.1	4.6								13.3	9.5
ENE	. 4	2.9	16.1	10.6	• 2		Ī			i		30.2	9.8
E	.8	. 4.6	16.2	8.0	• 3			i	ļ	T		29.9	9.2
ESE	•6	. 9	3.2	3.1	• 1				i	Ī		7.9	0.4
Sξ	• 4	• 7	1.9	1.5				<u> </u>	T			4.5	8.7
SSE	• 1	• 9	1.2	• 2						1		2.5	7.2
S	• 3	.8	• 4							Ī .		1.6	5.1
ssw	•1		• 2					1		T		• 3	7.0
sw		• )	• 1					1		T		• 2	7.8
wsw	•1	• 2	• 1				T -		Ī	·		• 4	4.3
w		• 2	• 2				i					. 4	6.0
WNW		•2	•1		!				i			• 3	6.3
NW	.1	.6	• 3									1.0	6.0
NNW	•1	• 2	•2	<u> </u>				1	i			.6	5.2
VARBL							1						
CALM	><	$\times$	$\geq$	$\geq$	$\times$	$\geq$	$\geq$	$\geq$	$\geq$			1.2	
	4.1	15.5	49.1	29.4	.7							100.0	9•⊓

TOTAL NUMBER OF OBSERVATIONS 898

UCAFETAC FORM 6-2-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATION'')

225Cd	WHEELER AFB HI	68-70,73-	79	JUN
HOITATE	STATION NAME		YELRS	HINOM
		ALL WEATHER		1800-2000
		CLASS	<del></del>	HOURS (L S.T )
		CONDITION		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
И	•6	1.1	• 5	• 1								2.3	5.3
NNE	1.8	2.9	2.6	• 5								7.8	5.7
NE	1.1	5 • 2	4.5	1.5								12.3	7.0
ENE	4 • 5	9.1	9.8	2.4								25.9	6.6
E	3.4	9.7	7.4	1 • 1	• 1							21.7	6.2
ESE	1.8	3.2	2.9	• 7	• 1		1					8.7	6.4
SE	1.3	• ?	1.7	• 6								4.4	6.5
SSE	• 2	1.1	• 6	• 2						· · · · · ·	i	2.2	6.4
S	• 5	• 7	• 2									1.5	4 • 3
\$5'''	• 1											•1	2.0
sw	•1											•1	2.0
wsw	•2											• 2	2.5
w_	.1											• 1	2.0
WNW	i	. 4	1									• 5	5.0
ИМ	•1	• 4						i	l			• 5	3.8
NNW	.6	• 1	. 4						1			1.1	4.6
VARBL										<u> </u>			
CALM	$\geq$	$\geq \leq$	$\geq$	$\geq$	$\geq$	$\geq$	$\geq$	$\geq$	$\geq \leq$	$\geq$		10.6	
	16.6	34.6	30.7	7.2	.2							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

823

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS CS THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508 STATION	MHEELER AFB HI	68-70,73	<del>-</del> 79	NUL
STATION	STATION HAME		YEARS	HTHOM
		ALL WEATHER		2100-2300
		CLASE	<del></del>	HOURS (E . T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
2	2.7	2.5	.7				i	i	<del></del>			5.8	3.9
NNE ,	2.5	3.6	1.1					<u> </u>				7.2	4.2
NE	1.1	1.8	1.3	• 2		i						4.5	5.4
ENE	3.1	4.5	1.8	.7			i		I			10.1	5.1
E	4.9	3.6	3.1		_ <del></del>	ļ ———	T	i	1	<del> </del>	i	11.7	4.9
ESE	2.5	2.0	1.3	•2			1					6.1	4.6
SE	1.1	2.0	• 0	i						i	i	4.0	5.1
SSE	1.1	• 2	.4	• 4	i		!			Γ	i	2.2	5.9
S	• 2						1			T	i	• 2	3.0
ssw	• 2				1			1	1			• 2	3 • C
sw	•7						I					• 7	2.0
WsW		.2						T		1	i T	•2	4.0
w	.9	• 4			1					1		1.3	3.0
WNW	•7						[		i			.7	2.3
NW	1.8	• 2		i		I						2.0	2.2
NNW	1.6	1.1	• 2			i		<del></del> -		1	i	2.9	3.3
VARBL			l	]	i	!	1	1	<del></del>	<del>                                     </del>	<del> </del>		
CALM	><	$\times$	$\geq$	$\geq$	$\boxtimes$		$\geq$		$\boxtimes$	$\geq$		40.1	
	25.1	22.2	11.0	1.6		I						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 444

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF 1-115 FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22528	AHEELER AFB HI	68-70,73-	79	NUL
STATION	SMAN MOITATE		YEARS	MONTH
		ALL WEATHER		ALL
		CLASS		HOURS (L S T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 2.	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.0	• 9	• 3	• 1			,	<del>                                     </del>		i		2.3	4.4
NNE	1.2	1.9	1.4	. 4								5.0	5.9
NE	1.0	3.0	5.1	2.2	• 5			i				11.3	8.0
ENE	2.2	5.0	10.3	4.9	• 2							22.5	8.2
Ε	2.3	5.5	10.5	4.2	• 1		l	T		<del> </del>		22.7	8.0
ESE	1.0	2.0	2.7	1.5	•1		1			i		7.2	7.7
SE	•7	• 9	1.6	8			1		T			4 • 1	7.3
SSE	• 4	• 8	• 9	• 4	.0							2.4	7.3
S	• 5	• 5	• 3	0								1.3	4.7
ssw	• 2	• 1	.1	•0								.5	5.5
sw	• 1	•0	• 1									• 2	4.3
wsw	• 2	• 2	.1						<u> </u>			• 5	3.8
w	•6	• 2	•0	•0								• 8	3.1
WNW	• 6	• 2	• 1									.9	3.7
NW	1.1	. 4	- 1									1.5	3.2
NNW	• 9	.7	1					]				1.7	3.€
VARBL													
CALM		><	$\geq <$			$\geq \leq$						15.2	
	13.9	22.2	33.8	14.4	• 5							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

4801

USAFETAC  $\frac{\text{FORM}}{\text{JUL}}$  0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

WHEELER AFB HI

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		3121101							EARS			•	OHIM
					ALL WE							9900	
	_				c	LASS						HOURS	(1.5
	_												
					CON	E ITION							
	-												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	ME WI SPI
N	,				<del></del>				i				
NNE	i					I	Ī					ļl ļ	
NE							T			1			
ENE			14.3		1			i				14.3	
E	14.3	14.3						1				57.1	-
ESE			14.3		T							14.3	1 (
SE							<u> </u>	i ——		i			
SSE					<b> </b>					i			
s					i			i ———	i	<del></del>			
ssw					<del>                                     </del>		i		· · · · · · · · · · · · · · · · · · ·			1	
sw						i	i	i	i		<b></b>		
wsw					l ——	<del></del>	i		<del>                                     </del>	i	<del></del>		
w					i		i		I				
WNW							<del></del>	i	i — —	i			
NW			i		i — —	i -	<u> </u>						
NNW					<u> </u>			i				1	
VARBL					i			i	i		<b></b>		
CALM		>	> <	> <	$\supset$		X		> <	X		14.3	
	14.3	14.3	57.1		T		<del> </del>					100.0	
	<del></del>				-	·	<u> </u>	<del></del>	<u> </u>		<del></del>	<u>,, , - , , , , , , , , , , , , </u>	

75,78

USAFETAC RE AS 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE CREOKETE

SLOBAL SLIMATOLOGY BRANCH
SUSAFETAC
AIP WEATHER SERVICE/MAC

WNW

NW NNW VARBL

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### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22538	AHSE	LER AFE	HI_				74,	76-78						IUL
ROTATE			STATION	MAME						EARS				EONTH
						ALL ×5	ATHER						0300	-0500
		_					LASS				_		HOUR	S (L S T )
		_					DITION							
						COM	DITION							
		-									—			
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N		14.3				1						14.3	6.0
	NNE							i					1	
	NE		28.6										28.6	4.5
	ENE						i						I	
	E		i	14.3									14.3	8 • C
	ESE										1		I	
	SE													
	SSE		1			i		!						
	S					i								
	ssw					1							1	
	SW													
	wsw													i]

TOTAL NUMBER OF OBSERVATIONS

28.6

100.0

4.0

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE CASOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	"HEELER AFB HI	68-70,73-79	ገባር
MOLTALE	STATION NAME	YEARS	PONIN
		ALL WEATHER	3609-0600
	<del></del>	CLASS	HOURS (L S.T.)
		CONDITION	<del></del>
			_

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	4,4	1.1					:	I				5.5	2.6
NNE	2.5	1.5	• 1		-			1		1		4 • 1	3.3
NE	3.2	2.7	.6		Ī	T		i -		1		6.4	3.7
ENE	2.0	3.9	1.1	• 5	1			i	i T			7.4	5.1
ε	2.0	3.9	2.1	•1	i	<del></del>		i — —	i	i		8.1	5.3
ESE	.9	• 9	• 2		<u> </u>	Γ	1	!		i		2.1	4.2
SE	1.1	• 5	•1	•1		i		<del></del>		i		1.5	3.8
SSE	•2				I	<del></del> -	<u> </u>	i		T		• 2	2.5
s	.4	• 2		I	i	T	T	<del>                                     </del>	!	T		•6	2.8
SSW	• 4	•1		i		i			T	I		• 5	2.5
SW	•1			<u> </u>	<del>                                     </del>	T	Γ—	i				•1	2.3
wsw	.6					<del> </del>	!	l —	I	i		•6	2.0
w	1.6	• 2		i	i			<del>                                     </del>	i –	1		1.9	2.6
WNW	3.0	1.1			T	i		1		1		4.1	3.0
NW	4.3	1.9		i		T		1	T	T		6.2	2.9
₩₩	3.6	• 7						T	i	T		4.3	2.6
VARPL					1				<del>                                     </del>	<del>                                     </del>			
CALM		>	$\times$	$\geq$		$\supset$		$\boxtimes$		$\supset$	> <	46.1	
	30.3	18.6	4.2	.7								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS

USAFETAC  $\frac{\text{FORM}}{\text{RR}}$  6-9-5 (UL-A) PREVIOUS EDITIONS OF THIS FORM ARE CBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAS

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	*HEELE	R AFB	HI						68	-70,73	-79			J\/		
STATION				ION NAME				_ ^				YEARS			MONTH	
							۵LL	m E A	THER						0-1100	
								CLASS	5					NOU	85 (L 5 7.)	
	<del></del>					CONDITION										
		-			<del></del>											
_													 			
	SPEED														MEAN	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N,	.51	• 5	•1				i		i	i		1.2	3.7
NNE ,	. 9	• 8	2.2	• 3			I		<del>                                     </del>	-		4.1	7.0
NE :	1.2	4.2	6.8	1.3			<del>                                     </del>	T		T		13.5	7.3
ENE	1.8	8 - 2	14.7	5.0	•2		<del></del>	Γ	<u> </u>	i		29.9	7.9
E	2.0	8.1	15.0	4.1	•5	<u> </u>	i	i	i	ì		29.8	7.9
ESE	. 9	1.8	3.7	• 9			!		I			7.2	7.4
ŞE	. 4	1.2	1.1	• 5		<u> </u>		<del></del>	<del></del>	<del> </del> -	<u> </u>	3.2	7.2
SSE	.3	1.3	.9	• 2			<u> </u>	<u> </u>	<del> </del>	<del>                                     </del>		2.7	6.4
5		• 5					i	<del>                                     </del>		Γ		.9	3.9
SSW						j	i	i	<del> </del>	!		1	
sw			<u> </u>			i	<del></del>			<del> </del>			
wsw			i					<del>                                     </del>	<del></del>	<del> </del>		i	
w	r	• 1					<del> </del>	!	i	<u> </u>		.1	5.0
WWW	.1					i	<del>                                     </del>	<del>                                     </del>	1	<del>                                     </del>		.1	2.0
кw	• 3	• 2						1		<del>                                     </del>	i	• 5	3.2
WNN	.5		•3	i				i	<del>                                     </del>			.9	5.0
VARBL								<del></del>		<del></del>			
CALM		>	X	>	>	$\geq$	$\boxtimes$	$\boxtimes$				5.9	
	9.4	27.0	44.7	12.3	.8					1		100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 927

USAFETAC  $\frac{\text{FORM}}{\text{SR}}$  0-8-5 (OL-A) previous editions of this form are obsolute

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22525	♣HEELER AFB HI	68-73 <b>,</b> 73-79	JUL
STATION	STATION NAME	YEARS	MONTH
		ALL VEATHER	1200-1400
	<del></del>	CLASS	HOURS (L.S T.)
	<del></del>	COMPITION	

SPEED (FNTS) DIR	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		• 3						1	<u> </u>	!		• 3	5.3
NNE ;	• 2	• 9	2.3	• 5			!	!				3.9	8.0
NE .	• 5	1.3	7.5	4.2	• 3	• 1	<u> </u>	i	1			14.5	9.6
ENE	• 5	2.7	17.8	11.9	1.3		:			<u> </u>	,	34.2	10.2
ε	•2	3.1	16.7	10.2	• 4		i	T	<del>                                     </del>			30.7	9.8
ESE		.8	2.8	1.9	• 2				l	<del></del>		5.7	10.0
SE ;	.1	8•	1.8	1.4			i	1	T		· · · · ·	4.1	9-4
SSE		• 3	.9	• 2			<del></del>					1.4	8.5
s	• 2	1.0	.4	•1			l	i		T	i	1.7	5.7
ssw		•2	•1									• 3	6.7
sw		• 1					i	i	i	i		•1	5.9
wsw	• 1	• 3					i		<del>                                     </del>	<del>                                     </del>		• 4	4.0
w		•1					i			·		•1	4.0
WNW		• 2						1	<del>                                     </del>	<del>-</del>		• 2	4.5
WW		• 4	• 1				i		<del></del>	1	Î -	• 5	6.0
WMM	•1	• 3	•2					$\vdash$		]		• 6	6.0
VARBL							i	T	<del> </del>	<del></del>		i	
CALM	$\times$	$\times$	$\geq$	$\geq$	$\geq$	$\geq$	$\geq$		$\geq$	$\boxtimes$		1.1	
	2.1	13.4	50.6	30.5	2.3	.1						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 928

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIP MEATHER SERVICE/MAC

### SURFACE WINDS

TOTAL HUMBER OF OBSERVATIONS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

68-70,73-79

	_		<del></del>		ALL WE	ATHER						1500	
	_	<del></del> _			COM	DITION							
	_		<del></del>			<del></del> _		<del></del>		<del></del> -			
SPEED (KNTS) DIR	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	
N	• 1	• 1	• 4	• 1	!	i			<u> </u>	!		• 8	Γ
NNE	• 1	1.3	2.0	1.0	1	i i	Ι	<del></del>		]	i	4.3	Γ
NE	• 3	3.1	7.7	3.C	•1		i		i	T	1	14.3	Ī
ENE	.7	5.1	18.1	9.7	. 9	<del>                                     </del>	1	T	<del>                                     </del>	i -	<del>,                                    </del>	34.4	Γ
E	• 3	4.6	15.9	10.6	. 5				I			32.0	Γ
ESE	• 1	1.3	2.9	1.8	!		!			1		5.2	Γ
SE	. 1	• 3	1.2	. 9	1		i					2.5	Γ
SSE	. 1	• 4	• 5	•1	Γ			1		i		1.2	Γ
S		• 8	• 2	i								1.0	Γ
ssw	.2	• 2							1			• 4	
sw	.2	i • ī			Ī			<u> </u>			!	• 3	l
wsw	<u> </u>	• 1		i	i					<u> </u>		• 1	L
w	• 1	<u> </u>	• 3			<u> </u>	<u> </u>		<u> </u>	<u> </u>		.4	L
WWW		•1	• 1	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	•2	L
NW	•1			!	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>			• 2	L
NNW	.1	.3	•2	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>		<u> </u>	.7	L
VARBL		<u> </u>	<u> </u>	<u></u>			<u> </u>	<u> </u>	<u> </u>	Ļ	<u> </u>		L
CALM		$\geq \leq$	$\geq \leq$		$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	1.0	L
	d	i	i	i	i	1		1		1	1		1

JSAFETAC FORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE COSCULTE

GLOBAL CLIMATOLOGY RPANCH USAFETAC AIR MEATHER SERVICE/MAC

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2250s	*HEELER AFB HI	68-70,73-79		JUL
BTATION	SHAM HOLTATE	<del></del>	TELES	MONTH
		ALL WEATHER		1800-2000
	<del></del>	CLASS		HOURS (LS T.)
	<del></del>	CONDITION	<del></del>	
	<del></del>		<del></del>	

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥55	**************************************	MEAN WIND SPEED
N	•5	. 8	. 4	<del></del>		!	1			i	!	1.7	4.9
NNE	2.3	2.4	2.7	•6		,	:	;	1	<del></del>	1	5.0;	5.9
NE	2.4;	5.9	6.C	1.1		:		!		T		15.5	5.6
ENE	4.0	10.9	9.8	1.8	• 1		:		i		<del></del>	26.5	6.5
E	3.0	8.8	8.9	2.9				<del>                                     </del>		i	<del></del>	23.7	6.9
ESE	1.5	2.2	1.9	•6				<del></del>		1		5.2	6.1
SE	. 8	1.6	1.0	•1				i	T	İ	1	3.5	5.
SSE	. 2 '	. 4		•1		i	1	;	<del></del>	i i	<del></del> -	.7	5.
5	g . 8 i	• 1				<del></del>	ĵ.	1			!	1.6	2.
ssw	. 1	•1				1	-	<del></del>	1	Ī		• 2	4.
sw	.1					·		<del></del>	i		i	•1	2.
WSW	ii	.2	•1				<del>                                     </del>	i	<del> </del>	<del>                                     </del>	<del> </del>	.4	6.
w					<del></del> -			i	1	i	<del>i</del>	1	
WWW	<del>                                     </del>					:	i	<del></del>	<del>!                                    </del>	<del>                                     </del>		1	
иw	.51	•1	•1			!		<del>                                     </del>		<del>                                     </del>	<del>                                     </del>	.7	4.
NNW	.4	• 5						<del></del> -	<del>                                     </del>	<b> </b>	<del> </del>	. 8	3.
VARBL	ii i						<del> </del>	i —	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>		
CALM		> <	>	> <								10.9	
	16.7	34.1	31.0	7.3	.1							100.0	5.

TOTAL NUMBER OF OBSERVATIONS 82

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOCETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SEPVICE/MAC

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### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22528	*HEELER AFB HI	68-70,73-79	JuL
STATION	STATE MOITATE	YELHS	EQUIN
		ALL WEATHER	2100-2300
		CLASS	NOURS (L.S T.)
		CONDITION	

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	, , , , , , , , , , , , , , , , , , ,	MEAN WIND SPEED
N	3.3.	2.2	• 2				,			ī	:	5.7	3.4
NNE	2.4	3.8	• 9					1	i	1		7:1	4.4
NE	2.2	3.8	1.5	• 2						!		7.7	5.2
ENE	4.2	5.6	1.5	.7				<del>                                     </del>	T	<del> </del>	·	13.0	4.7
Ε	3.3	5.3	1.8			<del></del>	<del></del>	T	<u> </u>		 !	10.4	4
ESE	2.4	1.5	• 2	• 2			· · · · · ·	!	T	<del></del>		4.4	4 . 2
SE		.7				T	:	1	i	T	;	3 .7	5.7
SSE	. 4			. 2		!			1	<u> </u>		1.3	4.8
s	t •2					1			i	ī	i	• 2	2.0
ssw	. 4						I	1	Ī	i		-4	1.0
sw	*;					<u> </u>	:	I		T	Γ	<u> </u>	
wsw	.4	. 4	i			1	Ī	1	T	ī		•9	3.3
w	1.8			<u> </u>		Ī	Ī	T	1	Ţ		1.8	2.1
WWW	1 2.0	•2	i				-	1	i	i	i	2.2	2.7
NW.	1.1	•2			i		!	T	1		l	1.3	2.0
NNW	1.8	• 4	l	!				T		Γ		2.2	2.7
VARSL	1		<del></del>	l		1		T	T	<u> </u>		i i	
CALM		$\supset <$							$\supset \subset$	$\supset <$		40.6	
	26.0	25.8	6.2	1.3		T		<del> </del>				100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 453

USAFETAC SOEM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SUCHAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIF MEATHER SERVICE/HAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 68-70,73-79 *HEELER AFB HI ALL WEATHER ALL 925 (L.1.T.) MEAN WIND SPEED 22 - 27 28 - 33 (KNTS) DIR. 7 - 10 3.7 1.3 1.7 5.0 , 6.2 NNE _4 3.6 5.4 1.8 .C 12.4 25.5 8.4 2.0 6.1 | 11.5 ENE 5.4 -5 1.7 5.61 11.1 5.2 23.8 <u>.ci</u> 5.4 ESE 1.0 1.4: .81 1.0 2.8 •6 •5 i 1.3 SSE 5.6 . 4 • 1 •1 .5 .0, •2 •0 •3 .1 55W <u>.0</u> ! 3.3 .1 .1 SW •3 .21 .21 .01 WSW •5] •1 i .5 3.1 .1: .0] 1.0 1.1 3.2 • C ; 1.6 WNW 1.0 •1 1.5 3.4 VAR8L 100.0 6.4 e

USATETAC FORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE ORDIGET

TOTAL NUMBER OF OBSERVATIONS

4923

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR **EATHER SERVICE/MAC

22508 MHEELER AFB HI

1

#### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

AUG

10

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

67,74,77-78

		STATION	RAME					,	EARS			•	ONIN
					ALL WE	ATHER							-0500
						LASS						HOUR	(L S.T.)
	_												
					CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		20.0		<u> </u>						<del> </del>		20.0	5.0
NNE				i					i	l			
NE							i ———						
ENE													
E													
ESE									l ——				
SE									l	1			
SSE													
\$								i					
ssw										Ī .			
sw								I					
WSW								i					
W													
WNW						;							i
NW	20.0											20.0	3.0
WNW					i		ì						
VARBL													
CALM		$\supset <$	> <						$\supset <$			60.0	
	20.0	20.0										100 0	1 6

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR "EATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	*HEELER AFB HI	67-70,73-78	AUS
MOITATE	STATION NAME	YEARS	HTMOR
		ALL WEATHER	0600-0800
		CIASS	HOURS (L.S.T.)
		CON ATION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.8	1.5										5 • 2	2 • 8
NNE	2.7	1.7	• 3			i				1		4 • 8	3.6
NE	1.9	1.8	• 7	• 1								4.6	4 • 3
ENE	1.1	3.0	1.1	• 2								5•5	5.2
Ε	2.6	2.6	1.5	•6		i						7 • 3	5 • 2
ESE	• 7	• გ	• 7									1.9	5 • 2
SE	•6	• 5	• 2									1.3	U . 4
SSE	. 3	• 1	• 2									• 7	4.8
S	• 5	• 1	•1									• 7	3.5
ssw	.3	.1										• 5	3.3
sw	.1											• 1	2.0
wsw	.8	• 1										• 9	2.5
W	2.3	• 7				L						3.0	2.6
WNW	3.5	• 9					L		<u> </u>			4.4	2.5
NW	11.4	1.7										6.1	2.9
MNM	5.8	2.2										0.6	2.8
VARBL													
CALM	$\geq \leq$	X	$\times$	$\geq \leq$	$\geq \leq$	$\geq$			$\geq \leq$	$\geq \leq$	><	45.2	
	31.5	17.5	4.9	. 9								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS

879

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	WHEELER AFD HI	67-70,73-78	AUG
STATION	SHAH HOITATE	YEARS	NONTH
		ALL WEATHER	3900-1100
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED	
N	.91	• 9	• 2						T	· · · · · ·		1.9	4.0	1
NNE	• 5	2.2	• 6	• 1					1			3.4	5.5	1
NE	1.4	4.1	6.7	1.3								13.4	7 • 3	
ENE	2.0	10.4	11.6	3.8								27.8	7.3	1
E	1.9	7.8	13.7	4.7	•2		· ————	<del></del>		1		28.4	7.9	1
ESE	.9	3 • 3	4.2	1.0			i		Γ	1	<u> </u>	9.4	7.2	1
SE	.9	1.1	1.2	•8								3.9	7.0	1
SSE	•6	1.0	• 9	•1						1		2.6	5.4	1
s	. 3	• 5	•1	• 2				!			T	1.2	6.1	]
SSW	•2		• 1									• 3	4.3	1
sw	ر 2						i	i	!			•2	3.0	]
W\$V'	• 1	• 1		i							!	•2	3.5	]
w		• 1						T				•1	6.0	]
WNW	• 1											•1	3.0	
NW	•2	• 2							Ī			• 4	3 • 3	1
WNM	,4	• 2		T								•6	3.3	1
VAR8L				T .										1
CALM	><	$\geq \leq$				$\geq$						5.9		]
	10.8	31.9	39.2	11.9	• 2							100.0	6.8	]

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC SOM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR "EATHER SERVICE/MAC

22538_ *HEELER AFB HI

## SURFACE WINDS

AUG

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

67-70,73-78

TION			STATIO	NT. K						TEARS				MONTH
						ALL ME	ATHER						1200	-1400
		_				c	LA13						HOUR	S (L S T.)
		_					DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 5	7 - 10	11 - 16	17 - 21	72 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	• 1	• 1	• 2					Ī	<del>                                     </del>	!	i	.4	6.3
	NNE .	• 3	1.3	1.4	•6				1				3.7	7.6
	NE	• 2	1.3	5.7	5.4	• 3	i	i		<del> </del> -		i	12.9	10.3
	ENE	.1	3.7	13.3	12.6	• 6	i	<del></del> -	1		!		30.3	10.2
	ε	. 8	4.1	17.2	12.2	• 5			i		1	<del></del>	34.7	9.8
	ESE	• 2	1.7	2.3	3.2			I	T	i		i	7.4	9.4
	SE	2	• 2	1.8	2.2	. 1		<del></del>	i		·	Ī	4.5	10.6
	SSE	• 3	•1	,5	.4		i		i —			<del> </del>	1.5	7.8
	S	. 4	• 3	. 4	. 4	i		i	<u> </u>				1.6	7.1
	ssw		• 2			I	j	i	1		ļ	!	• 2	4.0
	sw	•2	• 1			1			i i				.3	3.0
	wsw										1	1		
	w		, 3				i		Ī				• 3	4.7
	WWW	• 1	•1	• 1				!					.3	5.0
	NW		• 2				<u> </u>			i T			• 2	5.5
	WNN	-1	.4	• 1		i							.6	5.2
	VARBL		I									!	#	
	6444				abla  abla								9	

TOTAL NUMBER OF OBSERVATIONS 930

100.0

USAFETAC RR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AI- WEATHER SERVICE/MAC

WSW WNW NW

NNW VARBL CALM

#### SURFACE WINDS

#### PERCEI ITAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	*HEE	LER AFB			67-70,73-78									AUG		
STATION			STATION	MYMS					1	rears				CONTH		
						ALL WE	ATHER						1500	-1700		
		<del></del>				C	LASS.				<del></del>		NOUR	\$ (L.S.T.)		
		-				CON	DITION									
		_														
	SPEED (KNTS) DIR.	1 1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED		
	N	<u>"</u>	1.0	•2	.1				! !	i			1.3	5.0		
	NNE	- 5	• 5	1.7	• 3		i			i	;		3.1	7.6		
	NE	.41	2.8	7.3	5.8	•2		i	i	T	1		16.5	9.6		
	ENE	1 . 3	3.9	13.2	11.0	1.0	i — —	<u> </u>		T			29.4	10.2		
	E	.5	8.7	13.5	8.6	.4	i — —	i	<del></del>	i			31.8	9.0		
	ESE	i • 2	1.9	2.8	4.2	•2	i		<u> </u>	T	T		9.4	10.1		
	SE	<del>,,                                   </del>	.9	1.2	.6	i	i		i	T		i	2.7	8.8		
	SSE	į!	. 6	-3	•1	i	i		Γ	i ———			1.1	7.3		
	S	•1	.3		•1		1	<u> </u>	l	!	<del>                                     </del>		. 9	6.6		
	SSW	1 1	•2			i	l	i			1		.4	4.5		
	<del></del>	<del></del>			<del></del>		<del></del>	·	<del></del>	<del></del>	<del></del>					

TOTAL NUMBER OF OBSERVATIONS 929

100.0

6.5 7.0 7.3

2.0 4.3

9.2

USAFETAC FORM 0-8-5 (OL-A) PRELIOUS EDITIONS OF THIS FORM ARE GASOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

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### SURFACE WINDS

850

#### PERCENTACE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	AHEE	LER AFB												AUG	
STATION			STATION	KTHE		ALL ME	ATHER		1	(ARS				-200C	
			<del></del>	····	··········		A55			<del></del>			HOURS	(L S T.)	
						CON	DITION								
	(KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND	
	DIR.	<u></u>		<u> </u>								1		SPEED	
	N	.91										<u> </u>		4.4	
	NNE	2.2	3.2		• 2								0.00	5.6	
	NE	2.6	6.4	5.3	1.6		<u> </u>						1307	6.5	
	ENE	2.6	8.8		2.0		!					i j		6.7	
	E	4.2	1C.8	5.6	1.8	•2	;					! ;	22.7	5.1	
	ESE	1 .71	2.5	3.1	• 6							1	6.9	6.9	
	SE	. 4	1.5	• 9	• 1							1	2.9	6.2	
	SSE	.5	• 5	.5							<u> </u>	1	1.4	5.3	
	5	.7	. 4			 I							1.1	3.2	
	SS:M					ì						i i			
	sw	.1				1	-				I		•1	2.0	
	Wsw	.1					<del></del>				Ī		•1	2.9	
	w	.4	• 1	• 1		<del></del>	<u> </u>					1	• 6	4.5	
	WNW	.2	•1	1		<u> </u>	!					1	.4	3.0	
	NW	1	• 1		i	i	[	·	<del></del>		l		•1	4.0	
	МИМ	.5	•6			<del> </del>	i		i		<del></del>		1.1	3.7	
	VARBL					l	<del> </del> -				<del>                                     </del>	i			
	CALM		$\geq \leq$		$\geq \leq$		$\geq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\boxtimes$	12.4		
		16.1	36.2	28.7	6.4	• 2							100.0	5.4	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

22505 _MEELER AFB HI

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### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

67-70,73-78

TION			STATION	MAME			MINIM								
		_				ALL WE							2100	-2300	
						C	LASS						KOUR	\$ (L.S.T.)	
							DITION								
							U11.0.4								
		_													
SPEE	, i										I I			MEAN	1
(KNT	S) 1 1	-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND SPEED	
N		1.8	1.0	• 2 '									3.1	3.5	١
NN	E i	1.6	4.9	• 4									7.0	4.5	
NE	i'	2.9	2.9	1.8	• 2								7.8	4.9	
ENS		3.5	5.1	1.5	•2					l			10.4	4.5	
Ε		3.5	5.1	1.0	. 4								10.0	4.8	
ESE	i ij	.8	1 • 4	. 4									2.7	4.5	
SE	. 0	• 8	1.4	• 2							i i		2.5	4.1	j
SSE	j!	.8	• 5					·					1.6	3.8	
S	H	1.2!	• 4										1.6	2.9	
SSW	/	•6											• 6	2.3	
sw	L_	1													
WSV	<u> </u>	.2	• 2			<u></u>		<u> </u>	L		<u> </u>		.4	3.0	
W	l	1.5	• 6			<u></u>				1	<u>                                     </u>		2.2	2.8	
WN		1.8	• 2				<u> </u>						2.0	2.7	] }
NW		1.2	• 2					<u> </u>	<u></u>				1.4	2.5	
NNV	<u> </u>	2.7	. 8				<u> </u>	l		<u> </u>			3.5	2.5	
VARI	BL .				L	<u></u>		Ĺ	L	ļ	<u> </u>				1
CAL	M >	$\leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	43.1		
	2	5.2	25.2	5.7	.8		i						100.0	2.3	

TOTAL NUMBER OF OBSERVATIONS 489

USAFETAC FORM 0-8-5 (CL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9

SLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR MEATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	*HEELER AFS HI	67-70,73-78	AUS
STATION	STATION MOUTATE	YEARS	MONTH
		ALL WEATHER	ALL
		Chas	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.21	1.0	• 2	.0			:	<del></del>	·	i	i	2.4	3.8
NNE	1.3	2.1	1.3.	• 2			l l	i i		!		4.9	5.6
NE	1 . 4	3.2	4.8	2.5	• 1		<u> </u>			T	I	12.2	7.9
ENE	. 1.4	5.8	9.0	5.5	• 3		1	Ī				22.1	8.5
Ε	2.1	6.6	9.5	5.2	• 3					i	i i	23.7	5.1
ESE	.61	2.0	2.4	1.7	•9		I	i				6.6	8.2
SE	. 4	.9	1.0	.7	•0						ı	3.0	7.7
SSE	. 4	• 5	. 5	• 1			T	-	i			1.5	5.9
\$	.5	• 3	• 2	.1				1		1		1.1	5.2
ssw	. 2	•1	• 0									• 3	3.7
sw	•2	•0				i		Ĭ :			i	•2	2.8
wsw	•21	• 1	.0								I	• 3	3.2
w	.6	• 3	.0	• 0					<u> </u>			1.0	3.2
WNW	. 9	• 2	• 1				L	<u> </u>				1.2	2.9
NW	1.0	. 4						<u> </u>				1.4	2.9
NNW	1.5	. 8	.0								<u> </u>	2.3	3.1
VARBL							1			1	]	i n	
CALM		><		><	><	><				$\triangleright <$		15.8	
	13.9	24.3	29.2	16.1	.7						<u> </u>	100.0	6.2

TOTAL NUMBER OF CBSERVATIONS

5017

USAFETAC  $\frac{\text{form}}{\text{rr}}$  0-8-5 (OL-A) previous editions of this form are obsorbe

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIH MEATHER SERVICE/MAC

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

2250ē	AHEELER A				73,76						SEP				
STATION		STATIO	STATION NAME YEARS								MONTH				
				ALL ×							0200				
				•	LASS					MC-	WES (L.S T.)				
				cai	ROLLION										
	SPEED (KNTS) 1 - 3 DIR.	4-6	7 - 10 11 - 10	17 - 21	22 - 27 28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N					<del></del>		,		<u> </u>	1			
NNE	15.7											16.7	3.0
NE	. !				!	,							
ENE	,				,	;						1	
E	:			•	†			<u> </u>	i — —	i			
ESE	ŗ.			:		1	!	!	<u> </u>		ı		
SE	-			<del></del>		<del>                                     </del>			1	<del></del>		1	
SSE	-			<del></del>			•		i			Ĭ	
5	ř			:	<del></del>	!		<del>                                     </del>	!	i			
ssw	į.			i		Ī	i	Γ	T	<del>                                     </del>	i		
sw	1		!		<del></del>	<del>                                     </del>	<del>i</del>	<u> </u>	1	i			
wsw	ĺ		i	<del></del>	<del>                                     </del>	1	i	i		i —			
w	16.7			<del></del>		<del></del>	i	i —	<u> </u>	i — —		16.7	2.5
WNW	l		i	i	<del></del>	<u> </u>	i	<u> </u>	T			Ì	
NW	j	33.3			<del></del>	i	ī	T	T	i	ī	33.3	4 • 0
NNW	1			<del> </del>	<del></del>	i	<del>                                     </del>	i		i	i	ţ	
VARBL	1		<del> </del>	i	<del>                                     </del>				ī	T		1	
CAUA		> <								$\supset <$		33.3	
=====	33.3	33.3	<del>                                     </del>						i			100.0	2.2

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM G-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE CASCLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP MEATHER SERVICE/MAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

-HEE	LER AFS					75-	76						<u> </u>
	_	STATION			ALL WE	ATHER			rias			0300	-0500 -0500
	_					13171011							
	_					<del></del>	<del></del>		<del></del> -	<del></del> .			
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	. , ,	17 - 21	72 - 27	21 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	·				<del>:</del>	:		!		!		. 1	
NNE						1			i	1	!	<u> </u>	
NE	·	1			!								
ENE					-	:			i	!	<del>                                     </del>	ē I	
E	u .				i							<u> </u>	
ESE	fr f	•	1		<u> </u>	1			1	i	!	<b>.</b>	
SE.	:					!		I		i	1	]i	
SSE	<b>f</b>				!	; -		[			i	ž l	
\$	3			;	<u> </u>	!				1			
SSW	<b>5</b>			L		!		i			I	5	
sw	T.			!				!					
wsw	74				1				I				
w	STORY OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PER				Ĺ				l			]	
WNW	į.					i							
NW	50.0									<u> </u>	!	50.0	2 • G
WMM	£ 50.0				1						i !	50.0	3.0
VARBL	1							l					
CALM			> <				><		$\triangleright <$				
	100.0	<del>-</del>	 			T			<u> </u>			120.0	2•5

USAFETAC FORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLUTE

ELCEAL CLIMATOLOGY BRANCH USAFETAC AIP MEATHER SERVICE/MAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2253s	AHEELER AFB HI	67-70,73-78	SEP
STATION	SWAM MOITATE	TELES	BONTS
		ALL WEATHER	
		CTYR	
		CONTIGACO	_
	_		
	<del></del>		<del>-</del>

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	: 17 - 21	22 - 27	. 28 - 33	34 - 40	41 - 47	48 - 55	≥56	* %	MEAN WIND SPEED
N	3.3	+5 :						1	Γ –	1	:	3.4	2.5
NNE	1.7	1.2	.1		:			:	i	<del></del> -	:	3.0	3.5
NE	1.8	1.4			į	i	:	i	T	:	<u> </u>	3.3	3.7
ENE :	1.5	1.7	• 7		7	· · · · · · · · · · · · · · · · · · ·	:		i			3.9	4.4
٤ :	1.2	1.9	.5			<del></del>	!	T	Ī	<del></del>	i	3.6	4.4
ESE }	•5	.7				l		<del></del>		<del></del>	Ī	1.2	3 • 3
3E		• 4			·		:	1		Ī	i	. 4	5.0
SSE	-6	•1					:			Ī	<del>:</del>	2 .7	2.3
s g	• 5	• 1			i	i — —		<del></del>	i	<u> </u>	i	. 7	2.7
SSW 2	.1					<u> </u>				i	<u> </u>	• • 1	2.0
SW S	. 4				:	!	:	<del>                                     </del>	<del> </del>	i	i	.4	2.3
wsw	•5	•2			I		i	i	i	<del>                                     </del>	<del>                                     </del>	• 7	2.5
w	2.7	•1			<del>:</del>		<del>                                     </del>	1	i	i	<del> </del>	2.9	2.4
WHW	4-2	• 8			i — —		<del>                                     </del>	<del></del>	<del>                                     </del>	<u> </u>	<del>                                     </del>	5.0	2.3
NW	4.3	1.8	.1		i	<del> </del>	<del>                                     </del>	i —	<del> </del>	<del> </del>	<del> </del>	5.2	2.8
NNW	5.1	1.2			i		<del>                                     </del>	<del>                                     </del>		<del> </del>	†- <del></del>	6.3	2.5
YARBL					i	<del>                                     </del>	<del>                                     </del>	<del> </del>	<del>                                     </del>	i	<del>                                     </del>	Ī	
CALM	$\times$	><	>	> <			$\boxtimes$	$\boxtimes$	$\geq$			58.3	
	28.0	12.1	1.5									100.0	1.

TOTAL NUMBER OF OSSERVATIONS

242

USAFETAC RES G-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOCETE

SUCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22528 STATES	AMEELER AFB HI	67-72,73	-73	555
STATICE	STATICA MARE		TELRS	NTACE
		ALL REATHER		3900-1100
		CTIT		BOTES (L.S.T.)
		(2+3)*±4		

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 45	4:-45	43 - 55	≥56		MEAN CRIW SPEED
N	1.0	• 6	• 8					<del></del>	<del>;                                    </del>			2.3	4 . 4
NNE	1.7	2.3	1.8	•1						•		5.1	5 • 2
NE	2.1	5.3	6.8	•6	•1				1	:		14.5	5.4
ENE	2.3	8.0	9.3	1.4					1			21.1	5.9
E	2.3	7.2	11.1	2.9								23.6	7.4
ESE	1,7	3.7	3.8	. 4				:				9.6	5.3
SE	6	1.7	1.8	• 2								4.4	6.7
SSE	1.2	• 4	• 9	• 2					!			2.8	5.4
S	. 7	1.9	• 3									2.5	4 - 6
ssw	i.	•1							† 1	;		i .1	₹•!
SW	1 .2	• 3								ı		ŧ .6,	4.1
wsw	di.										:	ì	
W	.4						i	!			i	. 4	2.
WNW	ž .4.	•3.									1		3.
N <del>N</del>	. 4	.1	• 1				Ī			i	i	.7	3.:
NNW	§ .1.	•1	. 4				i			}	i	.7	6.
VARBL	1					!	1	i	i i	1	<del></del>	i i	
CASA	><	><	$\times$	> <	> <	$\geq$	$\boxtimes$	$\boxtimes$	$\supset \subset$	$\supset <$		11.2	
	15.2	31.1	36.4	5.9	.1			<u> </u>		1	 	100.0	5.

TOTAL NUMBER OF OBSERVATIONS 899

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

898

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	AHEEL	LER AFB	HI				67-	-70 <b>,</b> 73-						ΕP
			STATION	SMAN						YELES				HTHO
						ALL WE	ATHER						1200	-1400
		_					LASS						HOUR	S (L S.T )
						CON	DITION							
		_												
Γ	SPEED		<del></del>		<u> </u>	Ι		1	<u> </u>	1	T	<del></del>		MEAN
	(KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND SPEED
ľ	N	.1	.7	• 4		<del>                                     </del>	i	1					1.2	5.5
ľ	NNE	• 1	1.2	2.3	1.0	<u> </u>				1			4.7	8.4
Γ	NE	• 1	2.4	7.6	5.1	• 1					<del> </del>		15.4	9.6
ľ	ENE	• 9	4.3	15.9	6.3				i	T			27.5	8.9
ľ	E	5	4.8	13.5	6.2			i	<u> </u>				25.1	9.0
	ESE	.4	1.0	3.5	3.2	•1	<u> </u>	Ī —			T		8.2	9.7
ľ	SE	• 4	1.2	1.4	1.2	•1	i			1			4.5	8.5
ſ	SSE	• 2	• 9	1.3	• 6						1		3.0	7.4
ľ	S	• 3	• S	1,0	•1	T							2.2	6.7
Γ	ssw	.1	.7	• 3	i				T				1.1	5.6
	sw		• 1	• 2		T							• 3	6.3
	_ wsw	. 3	• 1								7		• 4	2.5
	w	• 2	• 1	•1				1					• 4	5.3
Ī.	WNW	•2		. 4									.7	6.2
ſ	NW	• 3	.7	• 7	•1		T	1					1.8	6.0
Γ	NNW	•2	. 8	• 7							1		1.7	6.0
ĺ	VARBL				1			1	<del>                                     </del>		1			
	CALM		> <	$\supset <$			$\supset <$	$\supset <$	$\supset \subset$	$\supset <$	$\supset$		1.8	
		1			<del> </del>	7	<del> </del>	<del> </del>	T	<del> </del>	<del> </del>		-	

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•6	• 6	.7						<u>                                     </u>	i		1.8	5.
NNE	•1	1.7	2.9	. 4								5.1	7.
NE	. 4	4.0	9.6	4.8				T				18.8	8.
ENE	. 4	4.6	14.2	6.7	• 3							26.3	9.
E	1.1	4.7	11.9	5.8				1				23.5	8.
ESE	•6	1.8	3.6	2.4			<u> </u>		<del> </del>	I	i ————	8 • 3	8.
SE	•2	• 9	1.4	. 4			T	i	I	T		3.0	7.
SSE	• 4	1.0	.6							I		2.0	5.
s	• 3	• 9	• 7		i							1.9	6.
ssw		• 3	• 1				T	T	T	1		• 4	6.
sw		• 1	• 3	•1			i	T		<del>                                     </del>		•6	8.
wsw	•1	• 1	•1			i		1			i	.3	5.
w	•2	• 6	• 1			I			<del>                                     </del>	<del></del>		• 9	4.
WWW	•1	• 6	• 3					<u> </u>				1.0	6.
NW	. 2	•6	•1			i	i	i		T	i — — —	•9	4.
NNW	.2	1.0	• 8					<del> </del>	ļ	1		2.0	5.
YARBL				r		i		1					
CALM	$\searrow$	$\geq$	$\geq$	$\geq$	$\geq$	$\geq$	$\geq$		$\boxtimes$	$\supset <$	>	3.2	
	5.1	23.2	47.4	20.7	• 3							100.0	8.

TOTAL NUMBER OF OBSERVATIONS

899

USAFETAC  $\frac{\text{FOZM}}{\text{FR 64}}$  C-8-5 (OL-A, "EVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

#### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

The said was a second

824

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	WHEE	LER AFB					67-	70.73-						EP
ROIYATE		<b>~</b>	STATIO		<del></del> -	ALL WE	ATHER		·	EARS			1800	-2000 (L.S T.)
		_				cox	MOITION							
	SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.5	2.3	.4									4.1	4.1
	NNE	2.3	4.1	2.4	. 4		1				i		9.2	5.4
	NE	3.4	5.3	4.9	1.1		1				1		14.7	6.0
	ENE	2.9	6.6	4 • 1	•6							ii	14.2	5.7
	E	2.2	6.9	3.8	•6		!		į		i ——		13.5	5.7
	ESE	1.5	1.7	2.2	• 2							i -	5.7	5.8
	SE	1.0	1.5	• 5	•1								3.0	4 • 8
	SSE	• 4	1.1	• 1_									1.6	4.2
	S	.8	• 2	• 1					<u> </u>				1.2	3.1
	SSW	. 4	• 5			l							• 8	3.4
	SW	• 1											• 1	2.0
	wsw	<u> </u>	• 1	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>				• 1	4.D
	W	• 2	•2	• 1			<u> </u>		<u> </u>		<u> </u>		• 6	4.2
	WNW	.7	•1		<u> </u>	<u> </u>	<u> </u>		<u> </u>		<u> </u>		.8	2.4
	NW	• 5	.2	•2	<u> </u>		<u> </u>		<u> </u>				1.0	4.0
	NNW	1.3	• 6	•1	<u> </u>	<u> </u>			<u> </u>				2.1	3.4
	VARBL		Ļ	Ļ	Ļ	Ļ	ļ		<u></u>	ļ	Ļ	<u></u>		
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	27.2	
		10.7	79. (	10.0	7.0	{	I						100 0	7.0

92

GLDBAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHEP SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SEP	67-70,73-78	WHEELER AFB HI							
MONTH	YEARS	SMAN KOITATS	STATION						
2100-2300	ALL WEATHER								
HOURS (L S T )	CLASS	CLAS							
	CONDITION								
	CLASF								

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.7	• 2			<del> </del>				<del>                                     </del>		3.2	4.3
NNE	2.6	3.0	• 9								i	6.4	4.1
NE	3.4	1.9	• 9				<del></del>			T		6.2	3.8
ENE	3.6	2.6	• 9		i		1					7.1	3.9
E	3.2	1.7	• 6	•2		1		1				5.8	3.9
ESE	.9	.6				<u> </u>	<del>                                     </del>		1		I	1.5	3.7
SE	.6	. 4	• 2			1	<u> </u>	i	T	<u> </u>	i	1.3	4.3
SSE	.4	•2			i ———	1			<b> </b>			• 6	3.0
s	• 4	• 2					<del>                                     </del>	<del>                                     </del>		<u> </u>	i —	• 6	3.3
SSW	•2						<del> </del>			T	i	•2	2.0
SW	.6				İ	<del>                                     </del>	<u> </u>	† <del></del>	<del> </del>	i		•6	1.7
wsw	.9	• 2			i — —		i		1		!	1.1	2.8
w	2.4	• 2							1	<del>                                     </del>	i	2.6	2.5
WNW	2.4	• 4		i	l	1		i	1		<b></b>	2.8	2.6
NW	3.4				<del>                                     </del>		1	1	1	<u> </u>	<del></del>	3.4	2.3
WMM	2.4	• 2			<del></del>				1	<del>                                     </del>		2.6	2.3
VARBL					<b> </b>	1			<del>                                     </del>	i			
CALM	><	> <	>	$\geq$					$\supset$			53.9	
	28.8	13.5	3.6	•2					]			100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 46

SLOBAL CLIMATOLOGY BRANCH SURFACE WINDS LSAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) AHEELER AFB HI 67-70,73-78 ALL ALL WEATHER HOURS (L.S T.) CONDITION MEAN WIND SPEED SPEED (KNTS) DIR, 1 - 3 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 34 - 40 48 - 55 ≥56 4 • 1 N 2.6 1.0 .4 5.9 NNE 3.5 5.4 2.1 .01 7.5 12.7 NE 1.7 17.7 7.7 1.8 4.8 8.3 2.8 •1 ENE 16.9 7.7 £ 4.8 7.6 2.9 1.7 1.2 6.2 7.5 ESE 2.4 .0 •5 2.9 7.0 1.1 1.0 . 4 SE .0 SSE 1.9 5.6 •0 1.5 5 • 1 s • 5 .6 • 4 .5 4.7 • 3 SSW •1 • 1 •2 4.9 •1 SW 3.1 •1 .0 • 4 WSW . 9 3.1 • 2 1.2 1.2 WNW . 1 3.5 • 0 2.3 1.4 NW • 6

2.5

23.0

100.0

TOTAL NUMBER OF OBSERVATIONS

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3.8

No. of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of

USAFETAC FORM R. 6-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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NNW

VARBL

CALM

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

MHEELER AFB HI

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-74

				ALL ME							2202	
				c	uss				_		HOUR	
		<del></del> .		con	DIT:ON				_			
SPEED (KNTS) 1 -	3 4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 23	34 - 40	41 - 47	48 - 55	≥56	%	
и 33	•3	<del> </del>	i					r ——		·	33.3	_
NNE				1		1			i –		ıı	Γ
NE												Ī
ENE	1											Ĩ
E			1									Γ
ESE						1						Γ
SE												Γ
SSE												Ī
S												Ĺ
ssw						I	l					
sw												
wsw												L
w							<u> </u>				<u> </u>	L
WMW_	l				<u> </u>				<u> </u>		<b>I</b>	L
NW	33.	3									33.3	L
NNW			<u></u>	L	<u></u>				<u> </u>		<b>!</b> !	L
VARBL				L			<u> </u>		L	<u> </u>	,	L
CALM	$\leq \geq \leq$	$\bigcirc$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	33.3	
37	.3 33.	3		1		[	!				100.0	

TOTAL NUMBER OF OBSERVATIONS

SLCBAL CLIMATOLOGY BRANCH JSAFETAC AID MEATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22538 STATION	WHEELER AFB HI	67-70,73-76	ОСТ
STATION	STATION NAME	YEARS	MINOS
		ALL MEATHER	0600-0800
		CLASE	HOURS (L S.T.)
		CONDITION	<del></del>

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
7	2.3	1.3				T		<del></del>			l .	4.0	2.8
NNĘ	.6	1.6				T	1	1				2.2	4.1
N-	1.4	1.0	• 1			1				1	<del> </del>	2.5	3.4
FNE	1.6	1.0	• 1	• 2			i —	Γ	<u> </u>	l		2.4	4.5
Ę	1.2	1.6	1.5	• 2			<del> </del>	<u> </u>	i	i		4.5	5.8
ESE	• 5	.7	• 3						<b> </b>			1.5	4.5
SE	•1	1.0	•2			·	i	<del> </del>	i	i		1.4	5.2
SSE	• 3	• 2	• 3			1	<u> </u>	i — —	i	i — —		• 9	4.8
S	• 3	• 5				1				<b></b>		.8	3.4
SSW	• 3		• 1		i	1		Γ -		i	i	•5	3.0
SW	•2	• i					<u>i                                    </u>			<u> </u>		• 3	3.0
WSW	•2					1		i	<u> </u>			•2	2.5
W	1.5	• 3				1						1.8	2.7
WNW	5.5	• 6					1		<del></del> -	l		6.1	2.3
NW	5.7	1.7			i	<del> </del>		†		<del></del>		7.6	2.7
мим	3.7	2.1	•2		i			i				6.0	3.1
VARBL						i		<del>                                     </del>					
CALM	$\geq \leq$	$\geq \leq$	$\times$	$\geq$	$\geq$	$\boxtimes$	$\geq$	$\geq$	$\boxtimes$	$\geq$	$\times$	57.0	
	25.6	13.9	3.0	• 5								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 866

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	*HEELER AFB HI	o7-7C,73-78	ост
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	3900-1100
	<del></del>	CLASS	HOURS (L S T.)
		CONDITION	

SPEED (KNTS) DIR	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.6	• 6	• 2			t .					3.9	5.1
NNE	1.4	2.3	2.2	. 4								6.2	5.9
NE	2.6	3.5	4 • 1	.9	. 1			T				11.2	6.3
ENE	2.5	5.7	7.4	2.2	• 1							17.8	7.2
£	2.8	5.4	9.4	2.9								20.4	7.4
ESE	1.4	2.6	2.7	• 4			i -					7.1	6.3
SE	• 5	3.1	1.2	• 3								5 . 2	5.8
SSE	1.2	1.4	.8	• 1					1			3.4	5.2
\$	1.3	2.2	• 5					Ī				4.0	4.7
SSW	• 5	•6	• 3					Ĭ				1.5	4.6
sw	• 1	• 3	•5	• 1								1.1	7.1
wsw	•2	• 3	• 1	•1					l			. 8	6.1
w	.6		.1									.8	2.9
WNW		•2	•1								i	• 3	6.3
NW	.2	. 4	• 1					T				.8	4.6
NNW	1.1	1.1		• 1		i	T		T	r		2.3	4.1
VARBL							1			i			
CALM		$\geq$	$\geq$	$\geq \leq$	$\geq$	$\geq \leq$	$\geq$		$\geq$	$\geq$		13.3	
	17.8	30.8	30.1	7.7	•2							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22506 WHEELER AFB HI 67-70,73-78 OCT

STATION STATION HAME

ALL WEATHER

CONDITION

CONDITION

CONDITION

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.2	2.2					ī —		<del></del>		4.6	5.6
NNE	. 3	2.9	1.7	• 4			Ī —					5.4	6.7
NE	.1	2.2	6.3	3.5								12.2	9.0
ENE	. 8	3.3	11.9	7.0	• 3		<u> </u>	l				23.8	9.2
E	1.2	5.3	8.9	5.7	_ • 5							21.7	8.9
ESE	. 4	2.4	3.7	1.8								ô•3	8.4
SE !	. 3	.8	1.5	• 1						<u></u>		2.8	7.0
SSE	. 4	1.7	1.2	• 1				<u>i</u>	<u> </u>	<u> </u>	<u> </u>	3.4	6.3
S	.5	1.2	1.9	• 2			<u> </u>	<u>i</u>	<u> </u>	<u> </u>		3.9	6.6
ssw	.2	. 8	• 8				<u> </u>	<u> </u>	<u> </u>	<u> </u>		1.7	6.2
sw	.2	• 3	• 2				<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	.8	5.3
wsw	.1	• 3	• 1	•2		<u> </u>	<u> </u>					• 8	7.9
w	• 2	• 9		.1			<u> </u>	<u> </u>		<u> </u>	<u> </u>	1.2	5.0
WNW	. 4	• 5		<u></u>		<u></u>	<u> </u>		<u> </u>		<u> </u>	1.7	5.5
NW	. 3	1.1	• 3				<u> </u>	<u></u>		L	L	1.7	5.1
NNM	. 3	• 9	1.4					<u> </u>				2.6	6.2
VARBL	L				<u></u>		<u> </u>				<u> </u>	<u> </u>	
CALM		$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$		3.5	
	7.2	26.0	43.0	19.2	1.0							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP MEATHER SERVICE/MAC

sw

W5W

W

NW

NNW

VARBL

CALM

C

.1

.21

.4

.5

·6 I

.6

1.4

### SURFACE WINDS

OCT

.3

1.1

-8

3.1

4.5

4.0

3.7

3.8

5.1

5.5

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

67-70,73-78

STATION NAME ALL_WEATHER 1500-1700 SPEED (KNTS) MEAN WIND SPEED 11 - 16 | 17 - 21 | 22 - 27 7 - 10 DIR. 5.5 N 1.0 2.7 1.5 6.0 3.7 2.2 2.31 6.5 NNE 8.5 14.0 3.8 6.1 ENE 4.6 | 12.3 ; 5.1 23.9 7.9 1.4 6.0 | 12.8 E 7.0 7.4 ESE 1.0 .6 SE .6 .1 1.8 6.6 1.1 5.7 2.4 SSE • 3 .8 5.9 1.0 1.71 4.4 .3! 6.3 5.0 .31 1.2 •4 SSW

> 100.0 TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC  $\frac{\text{form}}{\text{JR}}$  6-8-5 (OL-A) previous editions of this form are desorbte

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SLOBAL CLIMATOLOGY BRANCH JSAFETAC AIP MEATHER SEPVICE/MAC

0

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

831

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2508	*HEE	LER AFB			67-73,73-78								OCT BON'N	
STATION		_	STATION			ALL WE	ATHEP	<u></u>		EARS			1800	-2000
		_				(6)	ROSTIC				<del>~</del> -			
	SPEED (KNTS) DIR.	1 - 3	4-6	7 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥5%	*	MEAN WIND SPEED
	N	3.7	2.6	. 8		i	!				<u> </u>		7.2	3.9
	MNE	1.3	3.9		i	i i	<u></u> -	<del></del> -			i .		6.0	4.7
	NE	2.5	3.7	1.2		<del></del>	ĭ			i	<del>                                     </del>		7.5	4.5
	ENE	2.8	6.6	4.1	i	:	<del></del> -	 !			i ——		13.5	5.4
	E	2.5	5.2	1.9	•2			<u> </u>			i — — —		9.9	4.8
	ESE	1.9		• 6	i	<del> </del>	T	:			Γ	i	4.1	3.9
	SE	8.	1.3	• 4		<del></del>	<del></del>	:	i			<u> </u>	2.5	4.3
	SSE	.5	1.1	• 2		i — —	T	!			l	l	1.8	4.6
	S	8.	1.1		i i	<del></del>	Ī	<u> </u>	i ———		T		1.9	3.5
	SSW	1 .5	.1	• 1		1	i		1				,8	3.3
	SW	. 2				ı	!						• 2	2.0
	wsw	• 5	.1			Ī	Ī				Ī		•6	2.4
	W	1.2	• 2			i							1.4	2.7
	WNW	1.0	• 5			T							1.4	2.9
	NW	2.2	• 7										2.9	2.8
	WWW	2.2	2.0	•2	1	i				1	1	i	4.5	3.5
	VAREL	1				T					I			
	CALM						$\triangleright <$			$\geq <$			33.7	
		24.8	30.8	10.5	•2		1						100.0	2.9

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

22538 _HEELER AFB HI

## SURFACE WINDS

OCT

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

67-70,73-78

		POITATE	WYRE					1	LETHE			×	CRIM
		ALL JEATHE										2100	
			CLISS									HOURS	8 (L.S.T
	_							<del></del>	<del></del>				
					co.	DITION							
	_												
, , , , , , , , , , , , , , , , , , ,	<del></del>	<del></del>	<del></del> ;						1	<del>,                                     </del>		ii	
SPEED (KNTS) DIR.	1.3	4-5	7 - 10	11 - 76	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	ME. WII SPE
N	3.3	.9	1							<u> </u>		4.1	3
NNE .	1.3	1.1	• 9							i !		3.3	4
NE .	1.1	1.1	, Ģ			<u> </u>						3.1	4
ENE :	1.3	2.0	1.7			i		ļ — -				5.0	5
E	2.2	2.0	. 4	• 2		1						4 . 8	4
ESE !	7	• 9	• 2			1						1.7	4
SE į.	. 4		•2		i .	1						• 7	5
SSE E	.7	• 2			!							. 9	3
S I	1.1	• 4			i	I		i	i			1.5	2
ssw	.4				;							• 4	3
sw	•2	• 2			ī					i		.4	3
wsw	.21					1			1			• 2	3
w	3.3	- 9				i .		Ī	Ī .			4.1	2
WNW	3.3	• 7						i				3.9	2
11Ai	4.4	• 9	•2		i	ī		i	1			5.4	2
NNW	3.1	1.3			!							4.4	2
VARBL					i	1		I				9	Г
CALM	$\supset <$	><	><	> <	$\supset \subset$	$\supset <$	$\supset \subset$	$\supset <$			> <	56.0	
					!				[———	Ţ			Π.

TOTAL NUMBER OF OBSERVATIONS

459

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

1

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508 *HEELER AFB HI 67-70,73-78 DCT

STATION STATION NAME

CLL *EATHER ALL

CLASS

**CUES (LS *.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16 ,	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	* *	MEAN WIND SPEED
N	2.1	1.8	• 9	•1				:		1		5.3	4 . 5
NNE	• 9	2.4	1.4	• 2			:	•	!			3 4.8	5.7
NE	1.4	2.7	3.4	1.5	•3		:	ı	Ī T			9.0	7.2
ENE	1.5	4.1;	6.8	2.7	•1	:		Ī	[	:		15.3	7.8
€ ,	1.8;	4.5	6.5	2.4	• 1		====		<u> </u>	1		15.3	7.5
ESE	69	1.9	1.9	• 5				!	<u> </u>	;		5.3	6.7
SE	• 4	1.3	.8	•1				1	Ι	Ī		1 2.5	5.8
SSE	•61	1.1	.6.	• 1			,	:		1		2.3	5.4
S ,	6	1.3	•7	•1			i	:		;		2.9	5 • 2
ssw .	. 4	• 3 ;	• 3	• 0				1	i i			1.1	5.1
SW	• 2	. 3	•2	•0		;	,	ī		i		1 .5	5.
wsw	•21	• 1	•1	• i	,	:		:	1			.5	5 • 2
w	1.0	• 5	.0	• 0				Ī	Π	<u> </u>		1.5	3.1
WNW	1.6	•5	•2			!		1	1			7 2.3	3.
NW	1.9	.9	.1					!	Ī	i i		3.0	3 • 2
WNW	1.7	1.5	•5	•0			T			i		3.7	4 • 6
VARSL							<del></del>	1	T	1	- ·	]	
CALM		$\geq \leq$	$\supset \subset$	$\geq$	$\geq$	$\geq$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\times$		24.9	
	17.5	25.0	24.5	7.9	•2					į	Γ .	190.0	4.

TOTAL NUMBER OF OBSERVATIONS 4949

USAFETAC ZZ 44 G-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSCIET

GLUBAL CLIMATOLOGY BRANCH USBFETAC BIR WEATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION MAKE					,,	15					,,	.J #		
			STATIO	E 412 E						ELES				Seta
						ALL RE	EATHER						0000	-020
		_					1118				_		RC82	(LE T.)
						co	21124							
		_									<del></del>			
SPEED (KNTS) DIR.		. з	4 - 5	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	. 34 - 40	41 - 47	-22 · 55	≥56	*	MEAN WINE SPEEL
N				<del></del>			<del></del>				•		<del></del>	
NNE													-	
NE									1	:			-	
ENE					25.0					<del></del> -	<del>:</del>		25.0	12.
Ε									1		:	:	;	
ESE	7								:			1	2	:
SE									i	i		I	\$	
SSE						:	· · · · · · · · · · · · · · · · · · ·		:			•		
S						i			1	I	:		ĺ	
ssw	i				·		1		1	i	1		1	
sw	d d						1	,	:	İ		1	1	
wsw	ă				<u> </u>	·	<u> </u>	<u> </u>	<u> </u>			1	}	
W	<u>.                                    </u>			<u>!</u>	<u> </u>		i	<u>!</u>	<u> </u>	!	<u> </u>	<u> </u>	<u> </u>	
WNW	Ĕ			<u>i — — </u>	<del>!</del>	<u>:                                    </u>	<u> </u>	<u> </u>	<u>!</u>	<u> </u>	<u> </u>	<u> </u>	1	<u> </u>
NW_				<u> </u>	<u> </u>	<u>!</u>	!	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u></u> _
NNW	£			<u> </u>	<u> </u>	<u></u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
VARSL				<del></del>	ļ	<u>!</u>	Ļ	<u></u>	Ļ	<u>L</u>	<u>!</u>		!	
CALM	$\geq$	$\leq$	$\geq \leq$	$\stackrel{ >}{\leq}$		<u> </u>	$\leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		75.0	
	-			1	25.0	1		1	1			<u> </u>	100.0	3.

ISAFETAC FORM G-9-5 (OL-A) previous editions of this form are obsolete

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SLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHEP SERVICE/MAC

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FR -4 HOURLY OBSERVATIONS)

WHEEL	WHEELER AFB HI					_73-	76,78					NOV	
		STATIO	N NAME						EARS				HTHO
					ALL WE	ATHER						0300	-0500
	-					LASS				<del></del>		HOUR	(L.S T.)
	-	<del></del>			CON	DITION				<u></u> -			
	_												
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MASP CNIW SPEED
И													
NNE												H	
NE						T							
ENE		1		T				1			Γ		
E	1	16.7	i	·		1	i		1	i	1	16.7	5.0
ESE	1		1					1					
SE				1			<u> </u>		1	1			
SSE				1				1			1		
S	1	1			,					1	T		
ssw													
sw		Ī_	T		1		<u> </u>	T	i				
WSW					1								
W				T									
WNW													
NW		16.7			T							16.7	5.0
HNW		T											
VARBL	Ĭ	T		T	]		1					į.	
CAI"				>	$\supset \subset$			$\supset <$	$\supset <$			66.7	
-		33.3	<del> </del>	<b> </b>						<u> </u>		100.0	1.7

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

WHEELER AFB HI

## SURFACE WINDS

NOV

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

67-70,73-78

					0600-0800 HOURS (L.S.T.)								
						DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.1	1.7	.7	٠ 1				<del> </del>	<del>                                     </del>	<del>                                     </del>		4.6	4.7
NNE	.7	1.4	1.0	•1								3.3	5.6
NE	1.1	• 5	• 5	•1						i		2.2	4.4
ENE	1.1	1.2	• 5									2.8	4.6
E	1.1	1.1	•6	•6			i		ļ — — —	<del> </del>		3.4	6.0
ESE	• 4	• 6	•2	• 2				1				1.4	6.0
SE	.4	1.1	• 5	• 2	• 1	<u> </u>		i				2.3	6.7
SSE	.8	1.1	• 5	•2				i		T		2.7	5.5
S	.4	• 4	.4	• 4			i	I				1.4	7.4
ssw	.4	• 1										• 5	3.3
SW_	. 1								l	1		• 1	2.0
WSW													
w	3.0	1.4		• 1								4.6	3.2
WNW	2.5	2.1	2									4.8	3.4
NW	5.5	4 • 2	.1									9.9	3.2
WNW	3.7	3.0	• 1									6.9	3.5
VARBL													
CALM			$\geq$	$\geq$	$\geq$	$\geq$	$\geq$	$\geq \leq$		$\geq$	$\geq \leq$	49.2	

TOTAL NUMBER OF OBSERVATIONS 829

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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# . ERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	WHEELER AFB HI	67-70,73	-78	NOV MONTH
		ALL WEATHER		9900-1100
		CONDITION		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 35	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	1.7	. 3	• 2							5.6	6.5
NNE	.8	1.9	1.8	1.1								5 • 6	7.4
NE	1.0	2.4	3.3	1.8			<del></del>					8.5	7.5
ENE	1.2	3.4	5,4	1.4	• 2					i		11.6	7.5
Ε	1.6	4.4	5.4	2.8	• 2	•1				1		14.5	7,9
ESE	1.5	3.1	3.2	• 8				i		i		8.5	6.6
SE	. 8	2.7	1.6	• 5			ļ	i	l			5.5	6.2
SSE	1.5	2.6	1.8	• 5				l	1		ii	6.3	5.9
S	.6	2.6	1.0	• 9				1	l			5.1	6.6
ssw	•1	• 2								1		• 3	3.3
sw	• 1		•1									• 2	5.5
WSW		•1	.1	• 1					1	1		• 3	8.7
w	• 2	• 5	• 3				1	T		T		1.0	5.0
WNW	• 5	• 6	•1	• 1					i			1.2	4.5
NW	1.1	1.5	•2	• 1		<u> </u>				1		2.9	4.5
NNW	•6	1.9	1.0	•1		i				ļ——		3.6	5.9
VARBL			i			l				T	i		
CALM		$\geq$		$\geq$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\geq$	$\boxtimes$			18.9	
	12.7	30.1	27.1	10.5	• 7	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

885

. N GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENC ' OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22538 STATION	.HEELER AFB HI	67-70,73	5 <b>-</b> 78	VON
STATION	STATION HAME		TEARS	MONTH
		ALL WEATHER		1200-1400
		CLASS		HOURS (L.S.T.)
	<del></del>	CONDITION		

SPEED (KNTS) DIR,	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	٠,	MEAN WIND SPEED
N	3.	1.8	1.6	• 9								5.1	7.1
NNE	• 3	• 9	1.9	1.6								4.7	9.0
NE	.7	2.5	4.9	4.3	• 1							12.4	9.3
ENE	.7	3.2	8.8	5.1	• 2							17.9	9.1
E	. 7	2.8	٥,٠٥	5.5	• 7	.1						19.8	9.7
ESE	•6	1.2	2.0	1.6	• 1					'		5.5	8.7
SE	• 3	1.7	1.8	1.C	• 1							5∙0	8.0
SSE	• 3	2.7	1.8	• 8								5.6	7.1
\$	•6	3.0	2.1	1.8								7.6	7.4
SSW	•1	• 2	• 3									. 7	6.0
sw		• 1	• 2	• 2								• 6	10.0
wsw	•1	• 8	• 1							<u> </u>		1.0	5.6
W	• 2	• 5	• 6									1.2	6.3
WNW	.1	• 6	• 8			l			L			1.5	6.9
NW	.1	• 9	1.0				<u> </u>					2.0	6.8
NNW	• 5	2.0	2.4	• 1						<u> </u>		5.0	6.5
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$		$\geq \leq$	4.4	
	5.1	24.9	40.3	22.9	1.2	. 1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS	886

GLCSAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

AHEELER AFB HI 67-70,73-78													OV
		STATION	NAME					,	SARS				RTHO
					ALL WE								-1700
					C:	A88						HOUR	(L.S.T.)
					cox	DITION							
SPEED (KNTS)	1 · 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND
DIR.	1.3		7.10	1, - 10	17 - 21	22 - 27	20.33	34.40	31	40 - 37			SPEED
N	• 8	3.1	2.7	• 3								6.9	6.3
NNE	• 3	1.6	2.8	1.1								5.9	3.1
NE	• 5	2.5	5.5	3.1	• 1							11.6	8.7
ENE	• 5	4.7	8.3	3.2	• 1							16.7	8.2
ε	•8	5.7	8.5	3.4	• 3							18.7	8.2
ESE	.7	1.0	1.6	1.4	• 1							4 • 8	8.5
SE	• 5	1.4	• 6	• 8								3.2	7.0
SSE	• 8	3.2	1.5	. 8						I		6.2	6.3
S	1.1	1.9	2.2	1.0						Ī		5.2	7.1
ssw		• 8	• 5						!			1.2	6.0
sw	• 1	• 5	• 1									• 7	5 • 8
wsw	• 3	_ 6	• 2	• 1								1,2	5.5
w	• 2	1.0	• 7	• 1								2.0	6.4
WNW	• 5	• 3	• 2	• 1								1.1	4 • 8
NW	• 5	1.4	• 7	• 1						Ī		2.5	5.3
WNK	• 7	3.2	1.9	•2								6.0	6.2
VARBL													
CALM		><	><		><				$\supset <$			4.7	
	8.2	32.7	38.0	15.8	•7							100.0	7.2

2

GLOSAL CLIMATOLOGY BRANCH USAFETAC AIP *EATHER SERVICE/MAC

## SURFACE WINDS

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#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

(506	MHEE	LEK AFB					67-	10,13-						UV
STATION			STATION	NAME						EARS				HIRCH
						ALL WE								-2000
						CI	A\$\$						HOUZ	\$ (t \$ T.)
						CON	NC.TIG							
		_												
	STEED (KNTS)	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND
	DIR	ii i	Ì								1		]	SPEED
	N	2.8	4 . 4	1.7									8.8	4.8
	NNE	1.5	3.2	• 9	• 1								5.8	5.0
	NE	1.5	2.0	1.4	. 4								5.4	5.6
	ENE	1.9	5.0	1.0	• 3					l			8.2	5.0
	Ε	2.4	3 • 5	2.0	• 8	_ •1							8.8	5 • 8
	ESE	1.0	• 9	• 4	•6						Ī		2.9	6.7
	SE	• 6	1.2	• 4		• 1							2.3	5.4
	SSE	. 4	1.3	. 4	• 8								2.8	7.3
	S	1.2	1.2	• 8		• 1							3.2	5 • 3
	ssw	-1	• 4		• 1				ļ				• 6	6.0
	sw	.4		• 1									• 5	3.8
	WSW	• 3	• 3					i	<u> </u>				• 5	3.0
	.W.	.6	1.3	• 1	• 1				<u> </u>	L			2.2	4 - 4
	WNW	1.5	• 9										2.4	3.5
	NW	2.3	2.2	• 3									4.7	3.6
	WWW	1.9	3.1	€5					<u> </u>				5.5	4.4
	VARBL													
	CALM		$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq$	$\geq$	$\geq <$	35.2	
		20.6	30.6	10.0	3.2	. 4							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 781

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

#### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

445

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	WHEE	LER_AFB	HI				67-	70,73-	78				N	10 V
STAT ON			STATIO	S MAM E						EARS				HTHO
						ALL WE	ATHER						2100	1-2300
							LASS						MGUR	\$ (L \$ T.)
		_				CON	DITION				<del></del>			
	<del></del>	<del>,,</del>		,				,						
	SPEED			~		17 61		00 00			10	\	•	MEAN
	(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 49	41 - 47	48 - 55	≥56	%	WIND SPEED
	N	1.6	1.8	1.1					<b></b>				4.5	4.5
	NNE	1.3	1.6	.4	•2		i				T		3.6	5.1
	NE	.9	, 4	• 2			!						1.6	3.6
	ENE	.9	1.3	1.3	• 4						[		4.0	6.2
	E	.9	2.5	. 4	•4	•2	<del> </del>	i	1	1			4.5	6.2
	ESE	.9	• 2	• 2	1.8	. 4	<u> </u>						3.6	10.2
	SE	.7	•2	.7						T	1		1.6	5.0
	SSE	Ţ.	• 4	, 4	.7	•2		<del></del>			1		1.8	10.0
	5	.4	• 4	.7	.4				1	T	1		2.0	7.0
	SSW	1		1				1		!				
	sw		• 2	T			Ī						• 2	6.0
	wsw	4	• 2				T			!			• 2	4.0
	W	4.0	.7							Ī			4.7	2.6
	WNW	3 • 1	1.8										4.9	3.0
	NW	3.4	3.1	.7					l .				7.2	3.8
	MNM	3.4	3.6	.7			Γ						7.6	3.8
	VARBL	1												
	CALM						> <	$\supset <$	$\supset <$	$\supset \subset$	$\supset \subset$		47.9	
		<del> </del>	<u> </u>	<u> </u>			<del> </del>		<del> </del>	<del> </del>	<del></del>			
	L	21.6	18.7	7.B	4.0	.9	<u> </u>	<u></u>	<u> </u>	<u> </u>	<u> </u>	L	100.0	6

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

22508

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

4716

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	AHEE	LER AFS	HI				67-	70,73-	78				N	9 V
STATION			STATIO	MAME						EARS				ONTH
						ALL WE	ATHER						A	LL
						cı	ASS						HOURS	(L S T.)
		_												
		_					DITION							
		·,		· · · · · · · · · · · · · · · · · · ·									,,	
	SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.5	2.5	1.6	• 3	.0							6.0	5.7
	NNE	.8	1.8	1.6	• 8 ·					i .			4.9	7.0
	NE	. 9	1.8	2.9	1.8	•0							7.5	7.9
	ENE	1.0	3.3	4.6	1.9	•1				i			10.9	7.7
	E	1.3	3.4	5.0	2.5	• 3	• 9						12.4	8.1
	£E	.8	1.3	1.4	1.0	• 1				!			4.5	7.7
	SE	• 5	1.5	1.0	• 5	• 1			!				3.5	6.7
	SSE	.7	2.0	1.1	•6	•0							4.5	6.5
	S	.7	1.7	1.3	. 8	•0							4.5	6.9
	ssw	.1	• 3	• 1	.3				]				. 5	5.3
	sw	.1	_ • 1	• 1	• D								.4	6.3
	WsW	.1	• 3	• 1	• 0								.6	5.4
	W	1.1	• 9	• 3	• 1								2.4	4.2
	WNW	1.2	1.0	• 3	•0		<u></u>			<u></u>			2.4	4.0
	NW	2.0	2.1	.5	•0								4.6	4.0
	WMM	1.6	2.7	1.7	.1				l	L	<u> </u>		5.6	5.0
	VARBL												!	
	CALM		$\geq \leq$	$\geq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$				$\geq \leq$	24.4	
	L	14.6	26.8	23.0	10.5	• 7	.0	L					100.0	5.1

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22528 STAT-ON	*HEE	LER AFE	H I				68,	78		EARS			D	EC
STATION			\$141j0/			TE ME	ATHER						0000	-0200
						сох	DITION							
	SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	11.1	16.7										27.8	3 • 8
	NNE												i i	
	NE						i				i			
	ENE	<del>i</del>							i					
	Ε	1		11.1	5.6								16.7	9.8
	ESE	ii .									i			
	SE				i ———		i			<del>                                     </del>	i	i		
	SSE	ľ		<del></del>	i					i				
	s	1			I		I			i				
	SSW			I	i									
	sw													
	WSW	<u> </u>												
	W						<u> </u>				!			
	WNW													
	NW	11.1	11.1										22.2	3.3
	NNW	5.6	16.7	5.6									27.8	4.6
	VARBL													
	CALM		$\geq$		$\geq \leq$		$\geq$	$\geq$	$\geq$	$\geq \leq$	$\geq$		5.6	
		27.8	44.4	16.7	5.6								100.0	4.5

FORM

? <u></u> SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2508	NHEE	LER AFE	HI				67-	68,75,	78				<u> </u>	EC
STATION			STATIO	N MAPE		ALL WE	ATHER			YEARS				-0500
		_					uss						HOURT	1 (L3 T )
		~				501	HOITICH							
	SPEED (KNTS) DIR	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N			10.0			<del>:</del>	<del></del>	<u> </u>	<u> </u>	<del>                                     </del>		16.0	7.5
	NNE		1	1		<u> </u>		i	İ	i —	i ——	<del></del>	1	
	NE	;	İ		l	i	Ī	i	i –	<del></del>	<del>                                     </del>			
	ENE	II.	5.0	i	<del></del>	1			i	<del> </del>	T	ii	5.0	6 • D
	Ε	ī	5.0	5.0		<del></del>	i	i	i	<u> </u>	i	i	10.0	7.0
	ESE	li .	<del></del>	I	<u> </u>	1	Γ	<del> </del>	<u> </u>					
	SE	1,	Γ	<del> </del>		i	1	<del></del>		<del></del>	i			
	322	Į.		i	1		i		<del></del>	l	<u> </u>		<u> </u>	
	S	li .							1		1		1	
	ssw					1	1	i				1		
	sw													
	wsw		Ī				I				I			
	w					!								
	MHM					<u> </u>			1				i	
	NW	20.0											20.0	2.0
	мии	10.0		5.0								1	35.C	4.4
	VARBL													
	CALM								$\geq$				20.0	
	]	1				1	1	)	1		1	1		

TOTAL NUMBER OF OBCERVATIONS 2

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP MEATHER SEPVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

67-73,73-78

					ALL #E	ATHER			<del></del>				-0600
					cos	DITION							
SPEED '	-	4-6				22 - 27	28 - 33		41 - 47	48 - 55	, , , , , , , , , , , , , , , , , , ,	*	MEAN WIND
(KNTS) DIR.	1 - 3	4 - 5	7 - 10	11 - 16	ŧ		28 - 33	34 - 40	41 - 4/	48 - 33	≥56 <u>,</u>		SPEEC
N	3.5	2.1	1.2	.1	i				i	!		307	4.
NNE ,	•6 :	1.2	1.0	. 4							5	3.1	6.
NE .	.5	• 6	. 8	5	• 1	!		i			1	2.7	7.
ENE	.4	1.7;	1.6	6	. 4		<del></del> -	[				4.6	8.
E	1.0	1.4	1.6	1.4	• 1		,	!			,	5.6	7.
ESE		• 4	• 6		:		:		i	!		1.5	4.
SE	.2	.1	• 2		<del></del>			:	i	<del></del>	1	• 6	5.
SSE	•5	.7	•5	• 1		· · · · · · · · · · · · · · · · · · ·	;		I			1.8	5.
5	•?	. 8	. 4	. 5	, 2	1	!	 !	i			2.7	7.
ssw	.21	•1	.7	• 5						<u> </u>	;	1.6	8.
S:W	• 4	.1		1 .1		1	;	:	T	i		•6	5.
wsw	•1			.2				:	i	[	l d	• 4	9.
w	1.6	_ • 7	•1	i	<u> </u>			i		!		2.4	3.
WWW	1.7	1.6		!	•			!	<del></del> -			3.3	_3.
NW	4.6	3.3	•2		Ī							8.1	3.
NNW	5.3	4.1	•1		1	!				!		9.5	3.
VARBL				T	i	l		!	1	I	1 1		
CALM												44.7	

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THES FORM ARE OBSOCRITE

1

TOTAL NUMBER OF OBSERVATIONS

SLCBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

VARBL

## SURFACE WINDS

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# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

508	MHEE	LER AFE	IH 6				67-	70,73-	-78				D	£C
STATION			STATIO	I HANK						TEARS				NTRO
						ALL WE	ATHER						3900	-1100
		_				C	135						HOUR	S (L.S.T.)
		_				COM	DITION							
		_												
		<del>,</del>	<del>,</del>	<del>,</del> -		<del>,</del>		,					Pi	
	SPEED (KNTS)	1 1-3	4-6	7 - 10		17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND
	DIR.	, 1-3		7.10	. 11	, 17 - 21	22.27	26 - 33	34.40	41.47	40.33	230		SPEED
	N	1.7	4.1	1.9	.5	<del>;                                      </del>	;		<del> </del>	<del> </del>			8.1	5 6
	NNE	1.1					<del> </del>	<del></del>	<del></del>	<del></del>	<del> </del>		8.0	
	NE NE	1.1	<del></del>	1.9		•1	<del></del>	<del> </del>	<del> </del>	<del> </del>	<del> </del> -		6.5	7.7
	ENE	1.2		4.5	2.8	• 3	•1	<del></del>	<del> </del>	<del> </del>	<del>                                     </del>		11.3	8.8
	E	1.9	<del></del> -		2.3	1.4	•	<del> </del> _	<del></del>	<del></del>	<del> </del>		14.3	8.5
	ESE	1 1.5			5		<del> </del> -	<del>!</del>	<del> </del>	<del> </del> -	<del> </del>		5.1	5.6
	SE	1.5			<del>;                                    </del>		<del>!</del>	<del></del>	<del> </del>	<del>!</del> -	<del> </del> -		2.8	5.3
	SSE			-8	<del></del>	<del></del>		<del></del>	<del> </del>	<del> </del>	<del> </del>		1 4.4	4.2
	<b></b>	1.0					<del>!</del>	<del> </del> -	<del> </del>	<del> </del>	<del></del>			
	s	1.2		<del></del>	. 9		<del> </del>	<del>!</del> -	<del> </del>	<del> </del>	ļ		6.0	6.5
	SSW	<u> </u>					<del> </del> -	<del> </del> -	<del> </del>	<del> </del>	<b>!</b>		1.6	9.6
	SW	<u>F .2</u>		<del></del>	.2		<del>!</del>		<u>!</u>	<u> </u>	<del> </del>		1.2	9.8
	wsw	<u> </u>	. 3	.1	.1	<u> </u>	<u> </u>	ļ	<u> </u>	<del>!</del>	<u> </u>		• 6	7.6
	w	1 .2				<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	ļ		1.0	4.4
	Www	1 .3				<u> </u>		<u> </u>	!	<u> </u>			1.1	3.9
	NW	1.2	1 .7	.3	1 .1	<u></u>	<u></u>			!			2.4	4.3
	NAW	1.5	1 1 8	1.4		i	i	!	i	1	!		4.7	5.3

TOTAL NUMBER OF OBSERVATIONS

5.5

20.7

USAFETAC ARE 40 0-5-5 (OL-A) PREJICAD EDITIONS OF THIS FORM ARE OBSOCETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AID MEATHER SERVICE/MAC

### SURFACE WINDS

SKOITAVESED TO REMUM LATOT

1200-1400

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

67-70,73-78

					-	Ass						HOUR	•
					CO.	O.TICN							
SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 53	34 - 40	41 - 47	48 - 55	≥56	? . <b>%</b> ,	_
N	• 8	1.4.	4.1	1.0	.1			<u>:</u>		<del>;                                    </del>	<del></del>	7.5	-
NNE	•6	2.1	2.2					<u></u>			:	6.6	_
NE .	.6	2.1	5.1	3.7	•2							11.6	-
ENE	1.3	3.3	4.7	5.3	1.0	<del></del>		i I	i	!	<del></del>	15.4	ĺ
E ,	1.3	2.3	7.1	5.6	1.0	• 3	i	i		!		17.7	
ESE	. 9	1:8	1.0	1.1	•1				i		·	5.1	ř
SE ,	•6:	-8:	. 6	•5				<del></del>		ī .	!	2.4	i
SSE	.7	2.2	2.2	.5							:	5.5	J
S 🖁	.7	2.4	2.2	1.4	• 3	• 1						7.1	ĺ
ssw [		•7	• 8	•1	•1				1	<u> </u>	,	1.7	ĺ
sw [	• 3	• 2 !	.7	.7	. 1						!	Z•1	ĺ
wsw		• 2	• 3	•1	.1			<u> </u>		:		€ .	į
w 🎚	• 3 !		• 2	•1							!	1.5	
www j		.9!	•1						L			1.4	
KW }	.7	1.5	• 8	.5				<u></u>				3.5	
NNW	.7	2.1	2-0	1.0				<u> </u>	<u> </u>	<u> </u>	<u> </u>	5.7	į
VARBL F		اِ		<u></u>	<del></del> .,			<u></u>	<u> </u>	<u></u>	<u> </u>	[	
CALM		><1	$\rightarrow$		$\sim$	<b>/</b> ><	><	$\sim$	><	1>		4.4	ĺ

JSAFETAC SORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE GREGETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22528	WHEELER AFB HI	67-10,73-78		DEC
STATION	STATION NAME		YEARS	нтиом
		ALL WEATHER		1500-1700
		CLASS		HOURS (L S.Y.)
	<del></del>	CONDITION	<del></del>	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.9	4 • 1	1.2				I	i			10.0	7.3
NNE	• 5	1.5	3.5	1.1		+1			1			3.7	8.4
NE	.8	2.0	4.6	2.2	.9							10.5	9.3
3143	1.3	4.7	6.7	4.1	•2	• 1		<u> </u>				17.1	8.4
E	.9	4,3	6.7	4.3	• 7	•1			1			17.1	8.9
ESE	•2	• 6	• 5	• 5								1.9	7.8
SE		1.3	• 2									1.5	5.5
SSE	.6	2.5	• 9							l		4.0	5.5
S	• 5	3.4	2.2	• 1	• 6			1				6.8	7.3
ssw		• 9	• 7	• 1	• 1							1.9	7.3
sw	• 1	• 4	• 1	• 5								1.1	8.6
wsw	• 1	• 2		• 2	• 2	• 1				T -		• 9	12.5
W	•6	. 6	• 2									1.4	4.4
WNW	• 5	• 7	• 2	Ĭ								1.4	4.9
N. 4	• 5	1.1	1.9	.2								3.6	6.8
NNW	. 9	3.3	4.2	• 5								8.9	6.8
VARBI,													
CALM		> <	> <	$\supset <$						$\supset <$		5.	
	8.4	31.2	36.8	15.0	2.8	•5		 				100.C	7.5

TOTAL NUMBER OF OBSERVATIONS 856

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	*HEELER AFB HI	67-70,73-7	18	DEC
STATION	SMAN HOITATE		YEARS	HTHOM
		ALL JEATHER		1800-2000
		CLASS		HOURS (LST)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.1	6.2	2.6	•1								14.1	4.8
NNE	1.5	1.8	1.8	. 4								5.4	5.9
NE	1.6	1.5	1.5	1.2	• 3							5.1	7.4
EME	1.4	2.7	2.2	• 8	• 1							7.2	6.8
E	3.0	2.2	3.4	1.5	• 1	• 1			1	1		19.3	7.1
ESE	• 3	1.2	• 3	•5								2.3	6.6
SE	1.1	.7	• 1					1				1.9	3.4
SSE	. 8	• 5	• 3	.1								1.8	4.5
S	1.4	1.8	. 4	• 5	• 3					1	1	4.3	6.0
ssw	• 1	• 3	• 5	• 3								1.2	7.8
SW	• 1			• 3								.4	8.7
WSW	• 8	• 3			•1	• 1			1	T		1.4	6.3
W	• 4	. 4			• 1	i						.9	5.6
WWW	.7	• 4	• 3									1.4	4.2
NW	1.4	1.4	•5	• 1			<u> </u>					3.4	4.6
NNW	3.0	3.4	1.2	• 5			T			T		8.1	4.9
VARBL													
CALM		$\times$										29.9	
	22.6	24.6	15.0	6.5	1.1	• 3	i _					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

739

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

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## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508 WHEELER AFB HI 67-70,73-78 DEC

STATION STATION NAME

ALL WEATHER

CLASS

POLES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	11 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	4.5	4 . 4	1.0	. 5								10.6	4.4
NNE	.5	1.8	2.1	. 8								5 • 2	7.3
ΝĒ	.8	. 8	1.0	1.0								3.6	8.
ENE	• 3	2.3	2.3	• 8								5.7	7.8
E	1.3	1.8	2.6	1.3		• 3		<del>                                     </del>	i	·		7.2	7.8
ESE	• 3	• 5	• 3									1.5	3.7
\$E	1.0	• 5	• 5						T	I	i	2.1	4 . 3
SSE	• 3	1.0										1.3	4.5
s	1.3	. 8		• 5	• 5			Γ		i	i	3.1	7.7
ssw	• 3	. 8	1.0	• 3								2.3	6.8
sw	.3		• 3	•5	• 3		ļ		T			1.3	11.4
WsW	• 3											• 3	2.0
W	2.1		• 3									2.3	2.8
WNW	2.1	1.8	.3									4 • 1	3.6
NW	3.4	.8	• 3							T		4 - 4	2.6
МИМ	5.4	2 . 8	8.	• 5								9.5	4 • 0
VARBL													
CALM		$\geq$	$\geq$	$\geq$	$\geq$	$\geq$	$\geq$		$\geq$			35.6	
	24.5	20.1	12.6	6,2	,8	• 3						100.0	3.

TOTAL NUMBER OF OBSERVATIONS

388

SLOBAL CLIMATOLOGY BRANC USAFETAC AIR WEATHER SERVICE/MAC

WHEELER AFB HI

N. S.

### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

DEC

4607

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FFOM HOURLY OBSERVATIONS)

67-70,73-78

					ALL ME	ATHER							LL 5 (L 5 T.)
					•	M23						NOUE:	<b>3 (6 3 1</b> .)
					сок	DITION				—			
	_												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 49	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	3.6	2.7	•6	.0			<del>                                     </del>		<del>†                                    </del>		9.4	5.
NNE	9.	1.8	2.4	• 9		•0						5.9	7.
NE	• 9	1.5	2.6	1.8	• 3							7.2	8.0
ENE	1.5	2.9	3.8	2,5	• 4;	.0		T				10.7	8.
E	1.5	2.8	4.6	2.9	•6	•1						12.6	8.0
ESE	.7	1.1	.7	+5	• 0				i			3.1	6.
SE	_•5	• 8	. 4	. 1								1.9	5.
SSE	.8	1.6	.8	• 2					T			3.3	5.
S	. 9	2.0	1.3	• 7	• 3	.0						5.2	7.
ssw	1	• 5	• 6	• 3	• 1							1.7	8.
\$W	• 2	• 2	• 2	. 4	. 1							1.1	9.
wsw	• 2	• 2	•1	• 1	• 1	• 0						• 7	8.
W	.7	• 6	• 2	• 0	• 0							1.5	4.
WNW	. 8	• 9	• 2									1.9	3.9
NW	1.9	1.5	.7	• 2								4.3	4.4
WNN	2.5	3.0	1.7	. 4								7.7	5.
VARBL												1	
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	><				$\geq \leq$	21.7	
	16.3	25.1	23.0	:1.6	2.3	. 3						100.0	5.

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GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

## SURFACE WINDS

grander with all all and the second

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	*HEELER AFB_HI	67-70,73-79	ALL
MOITATE	STATION NAME	YEARS	HTHOM
		ALL WEATHER	ALL
	<del></del>	CLASS	HOURS (L S T.)
		CONDITION	- <b></b>

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	2.0	1.2	.2	•0							5.1	5.2
NNE	1.1	1.9	1.7	• 5	•3	• 0						5.2	6.4
NE	1.2	2.6	4.0	2.0	• 1	•0		i				9.9	7.8
ENE	1.4	4.1	7.1	3.5	• 3	•0		i		Ì		16.3	8 • 3
Ε	1.6	4.1	7.2	3.6	•2	•0		:	i			16.8	8.2
ESE	-8	1.5	1.8	• 9	•0	•0			i	!		5.0	7.3
SE	• 5	1.1	.9	• 4	•0			1		i		2.9	6.6
SSE	•6	1.1	.9	• 3	• 0							3.0	6.5
S	• 7	1.2	1.0	.4	• i	•0	• 0					3.3	6.6
ssw	• 3	• 3	• 3	• 1	•0	•0						1.0	6.1
sw	•2	• 2	• 2	•1	•0	•0				i — —		• 7	6.6
wsw	• 2	• 3	• 2	• 1	•0	•0						• 7	5.6
w	8.	• 5	• 2	•0	• 0							1.5	4.4
WNW	1.1	• 6	• 2	•0	•0							1.9	3.9
NW	1.5	1.2	• 5	• 1							i	3.3	4.3
NNW	1.7	1.7	1.0	• 1	•0							4.5	4.8
VARBL								<del>                                     </del>		i			
CALM	$\supset <$	$\geq$	$\geq$	$\times$	$\times$	$\geq$	$\geq$	$\boxtimes$	$\boxtimes$	$\boxtimes$		18.8	
	15.4	24.4	28.3	12.2	.8	•0	•0					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

58063

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SEPVICE/MAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22508	WHEELER AFB HI 67-70,73-79	ALL
STATION	STATION NAME YEARS	MONTH
	INSTRUMENT	ALL
	CLASS	HOURS (L S T.)
	CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,	
	COMPLITION	
	AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OF MORE	

SPEED (KNTS) DIR	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	2.8	2.4	• 2					<del></del>	!	! !	6.7	5.9
NNE	1.1	2.1	1.4	. 4						<del></del>		5.0	5.8
NE	•5	1.2	1.3	• 1								3.1	6.5
ENE	•9	1.2	1.3	. 4		]						3.8	6.3
Ε	1.3	1.8	1.6	• 2						Ī	i	4.9	5.6
ESE	.7	1.2	1 + 1	• 4								3.4	6.4
SE	1.0	2.5	1.1	• 7	• 1							5.4	6.3
SSE	1.2	3.5	3.0	1.8	• 4							9.8	7.6
S	2.0	4.5	4.2	2.0	1.3		.1					14.3	8.3
ssw	1.1	1.1	1.9	1.1	• 3	• 1			1			5.6	8.4
sw	.7	.6	• 5	• 9	• 1	• 1						2.9	8.9
wsw	.4	• 5	• 8	• 4	• 2	• 1	i					2.4	9.4
W	• 5	• 8	1.0	• 4	• 1							2.8	7.0
WNW	•6	• 8	• 6	• 4	•1_							2.4	6.6
NW	.8	2.0	1.6	. 4							Ĭ	4.9	6.2
МИМ	1.1	2.2	2.8	• 6	• 1		1					6.7	6.7
VARBL							i						
CYTW	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq$	$\geq$	$\geq$	$\geq$	$\geq$	15.9	
	15.3	28.9	26.6	10.4	2.6	• 3	.1					100.0	6.5

TOTAL NUMER OF OBSERVATIONS 1416

U 8 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

### PART D

## CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "No. estling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combines
- 2. By month all years and all hours combined
- 5. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minims may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on mages 2 and 3 below.

U. S. Weather Bureau and Mavy stations did not report reilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for UBWB and U. S. Mavy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/16 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

#### EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABLLATION

CEILING		VISIBILITY (STATUTE MILES)														
(FEFF)	≥ 10	<b>42</b> 6	≥ 5	≥ ¢	≥ 3	≥ 2 %	≥ 2	21%	21%	≥ 1	≥ %	≥ %	≥ %,	≥ 5/14	≥ ¼	≥ 0
O CEILING														/ \		
1				<u> </u>			$\leq$					<b>\</b>				$\simeq$
≥ 1800 ≥ 1500					91.0											92,6
≥ 1700 ≥ 1000								-		,			•			
≥ 900 ≥ 800 .																
≥ 700 ≥ 400																
≥ 500 ≥ 400							1			97.4						98,1
≥ 300 ≥ 300				ļ —	,					, lik	1.3 .					
≥ 100 ≥ 0			<u> </u>	1:	95.4	1.48	96.9			96.1					·	100

RECORDER # 1 Read ceiling values independently of visibility under column at right headed \( \geq 0.\)

For instance, from the table: Ceiling \( \geq \) 1500 feet = 92.6\$.

Odiling \( \geq \) 500 feet = 98.1\$.

EXAMPLE # 2 Read visibilities independently of opinings on bottom line opposite > 0. From the table:

Visibility > 3 miles = 95.5%.

Visibility > 2 miles = 96.9%.

Visibility > 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

#### ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of abservations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

TO find the percentage of chaervations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq$  1500 feet with  $\geq$  3 miles, anotracted from 97.4 read from the table at the intersection of  $\geq$  500 feet with  $\geq$  1 mile is equal to 6.45. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq$  500 feet with visibility  $\geq$  1 mile, but < 3 miles; or ceiling  $\geq$  500 feet, but < 1500 feet with visibility  $\geq$  1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible; to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

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3.ファンで物質な過ぎ、**

ATA PROCESSING BRANCH U FR EINC DI REATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

A-LELER AFE HI

73,75

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## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>0309-9500</u>

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
FEET	≥ 10	≥6	≥5	≥4	≥3	≥2:	≥ 2	217	≥1.4	≥1	≥ ;₄	≥'•	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	73.1 73.1	1	73 • 1 73 • 1	73.1 73.1	73.1 73.1			73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1
≥ 18000 ≥ 16000	73 • 1 73 • 1	73.1 73.1	73.1 73.1			73.1	73.1	73.1	73.1 73.1	7:•1 73•1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1
≥ 14000 ≥ 12000	73.1 73.1	73.1 73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1
≥ 1/600	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1 73.1	73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1
≥ 5000 ≥ 7000	73 • 1 73 • 1	73.1 73.1	73.1 73.1	73.1	73.1 73.1	1	73.1 73.1	73.1	73.1	73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1
≥ 6000 > 5000 ≥ 4500	76.5	75.5	75.5	73.1 76.9 76.9	76.9	76.9	73.1 76.9 76.9		76.9	73.1 76.9		73.1 76.9 76.9	73.1 76.9 76.9		73 • 1 76 • °	73.1 76.9 76.9
≥ 4000		£3.6	6D.	50.8		31.3	3.08	8.03	80.6	, ,		80.8	80.8	80.8	80.8 80.3	80.5
≥ 3000 ≥ 2500	52.	92.	92.3	92.3	92.3	92.3	92.3	92.3	92.3		92.3					92.3
≥ 2000		100.2		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500				100.0	100.0	150.5	190.0	100.0	160.0	100.0	100.0	100.0	163.0	100.0	100.0	100.0
≥ 1000		130.0		100.0		100.0										
≥ 800	35.5	100.0	190.	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0	160.0	100.0	100.0	100.0
≥ 500		136.5	130.3	100.0	130.0	199.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 490 ≥ 300 ≥ 200	150.0	185.0	100.0	100.0	100.0	100.0	120.0	100.0	100.0	100.0	100.0	100.0	100.0	100.5	100.9	100.0
≥ 100	100.0	100.	100.	100.0	100.0	100.0	120.0	100.	1 <u>00.0</u>	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	130.0	100.0	100.0	100.0	100,0	100.0	100.0	190.0	130.0	100.0	103.5	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OSSERVATIONS

26

USAF ETAC SOLU 0-14-5 (OL A MEYOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PROCESSING BRANCH CEAF ETAC AIR REATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

22505 AMEELER AFB HI

0

G

68-70,75-79

JAK

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2620-0400

CEUNG							VISI	BILITY STA	TUTE MILE	:5						
FEET	≥1C	≥6	≥5	≥4	≥3	≥2 7	≥ 2	≥,,	≥1.4	≥1	≥ ;₄	≥ ≒	≥ 、	≥5 16	≥.	≥0 }
NO CEILING ≥ 20000	:0.2 52.9	57.8 53.5	50.5 53.5	1	1111	53.€ 53.5	55.8 53.5	- 1	50.8 53.5	55.8 53.5	50.8 53.5	53.9 53.6	50.9 53.6	50.9 53.5	50.9 53.6	55.9 53.6
≥ 18000 ≥ 16000	53.0 53.0	53.6 53.6	53.6 53.6	53.6 53.6	53.6 53.6	53.6 53.6	53.6 53.6	53.6 53.6	53.6 53.6	53.6 53.6	53.6 53.6	53.7 53.7	53.7 53.7	53.7 53.7	53.7 53.7	1
≥ 14000 ≥ 12000	53.7 54.6	54.4 55.3	54.5 55.4	54.5 55.4	54.5 55.4	54.5 55.4	54.5 55.4	54.5 55.4	54.5 55.4	54.5 55.4	54.5 55.4	54.6 55.6	54.6 55.6	54.6 55.6	54.6 55.5	54.6 55.6
≥ 10000 ≥ 9000	55.7	56.4	57.1	56.5 57.1	55.5 57.1	56.5 57.1	56.5 57.1	56.5 57.1	56.5 57.1	56.5 57.1	56.5 57.1	56.6 57.2	56.6 57.2	57.2	56.6 57.2	56.6 57.2
≥ 8000 ≥ 7000	55.8 57.3	57.5 58.0	57.7 53.1	57.7 58.1	57.7	57.7 58.1	57.7 58.1	57.7 58.1	57.7 58.1	57.7 58.1	57.7 58.1	57.8 58.2	57.8 58.2	58.2	57.8 58.2	
≥ 6000 ≥ 5000	58.U 60.9	52.7	58.F	58.6 61.9	58.9 62.0	58.9 62.0	55.9 £2.0	58.9 62.0	$\longrightarrow$	58.9 52.0	58.9 62.5	59.1 62.1	59.1 62.1	59.1 62.1	59.1 62.1	62.1
≥ 4500 ≥ 4000	67.5	54.3 59.0	64.4	69.1	69.2	54.5 69.2	69.2	69.2	54.6 59.2	64.6 69.2	64.6 69.2	64.7 69.4	64.7 69.4	64.7 59.4	54.7 69.4	
≥ 3500	79.9	72.4 76.8	72.7	72.7	72.9	72.9	72.9	72.8	72.9 77.8	72.9	72.9	73.0	73.0 77.9	77.9	73.0	77.9
≥ 2500 ≥ 2000	79.1 64.0	81.3	82.1 88.0	82.3 88.4	82.5 88.7	82.5	82.5 88.7	82.5 88.7	82.5 88.7	32.5 88.7	32.5 88.7	82.6 88.8	82.6 88.8	92.6 88.8	88.8	88.5
≥ 1800	85.J	91.5	93.0	93.7	94.5	94.5	94.5	39.7 94.5	89.7 94.5	89.7 94.5	89.7 94.5	89.8 94.6		94.5		
≥ 1200 ≥ 1000	89.0	92.3	94.0	94.9	95.7	95.7	95.8 97.0	95.6 97.0	95.6 97.0	95.8 97.0		95.9 97.1		95.9	95.9 97.1	97.1
≥ 900 ≥ 800	89.1	93.5	95.4		97.3	97.1 97.3	97.7		97.7	97.7	97.8	97.9	97.3 98.0	98.D	97.3 98.0	98.D
≥ 700 ≥ 600	89.4	93.5	95.9	96.4	98.0	98.0	97.9	97.9 98.5	98.6 98.6	98.7		96.5 99.1	99.6 99.2	98.6		
≥ 500 ≥ 400	89.6	93.9	95.9 96.3	96.7	98.0	98.0	98.5	98.5	98.6	98.7	99.6	99.1	99.9	99.9	99.3 100.0	100.0
≥ 300	89.8 89.8	94.3	96.3	97.2	98.6	98.6	99.2	99.2 99.2	99.3	99.4		99.8	99.9	99.9	100.0	100.0
≥ 100 ≥ 0	89.8 89.8	94.3	96•3 96•3	97•2 97•2	98.6	98.6 98.6	99.2	99.2	99•3 99•3	99.4	99•6 99•6	99.8	99.9		100.0	

TOTAL NUMBER OF OBSERVATIONS_

855

USAF ETAC ALSA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

DATA PHOCESSING BRANCH USAF ETAC AI- WEATHIR SERVICE/MAC

#### CEILING VERSUS VISIBILITY

ZZ:SE - X-ZELEA AFB HI

58-79,73-79

JAN

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							ViSI	BILITY STA	TUTE MILI	ES				•		
feet .	≥10	≥6	≥5	≥4	≥3	227	≥2	≥1 ?	≥1.	≥1 ¹	≥ کو	۰, ≷	≥ >	≥5 15	≥.	≥0
NO CEILING ≥ 20000	49.1 51.5	49.2 51.7	49.2 51.7	49.2 51.7	51.7	uç.Z 51.7	49.2 51.7	49.2 51.7	49.2 51.7	49.2 51.7	49.2 51.7	49.2 51.7		49.2 51.7	· .	49.21 51.7
≥ 18000 ≥ 16000	51.7 51.8	51.8 51.9	51.8 51.9	51.8 51.9	51.8	51.5 51.9	51.8 51.9	51.5 51.9	51.8 51.9	51.8 51.9	51.8 51.9	51.ê 51.9				51.6 51.7
≥ 14000 ≥ 12000	54.3	53.9	53.9 55.0	53.9 55.0	53.9 55.0	53.9 55.3	53.9 55.0	53.9 55.0	53.9 55.0	55.0	53.9 55.0	53.9 55.0		55.5		55.C
≥ 10000	56 • 5 57 • 5	57.1 57.7	57.1 57.7	57.1 57.7	57.1 57.7	57.1 57.7	57.1 57.7	57.1 57.7	57.1 57.7	57.1 57.7	57.1 57.7	57.7		57.1 57.7	57.1 57.7	
≥ 3600 ≥ 7000	57.9 58.6	58.2 59.8	58.2 58.8	58.2 58.8	58.2 53.8	58.8 58.8	58.2 58.2	53.2 58.6	58.2 58.8		58•2 58•8	58•2 58•8	58 • 2 58 • 8	58.2 58.5	58.2 58.8	3.62
≥ 6000 ≥ 5000	54.4 :3.1	59.6 63.5	59.6 63.6	59.6 63.5	59.6	59.5 53.6	59.6 63.6	59.6	59.6 63.6	63.6	59.6	59•6 63•6	59.6 63.6	59.6 63.5	63.5	53.5
≥ 4500 ≥ 4000	36.7 71.4	67.3 72.1	67.3 72.1	72.1	37.3 72.2	67.3 72.2	72.2	67.3 72.2	67.3 72.2	57.3 72.2	67.3 72.2	67.3 72.2	72.2	67.3 72.2	67.3 72.2	
≥ 3500 ≥ 3000	74.6 =E.0	75.8 81.6	75.8	75.8	76.0 82.5	76.0	76.0 82.5	76.0 82.5	76.0 62.5		76.0 82.5	76.0 82.5	82.5	76.5 32.5	82.5	
≥ 2500 ≥ 2000	52.7 26.5	84.7 89.1	85.1	85.3 90.0	85.5 90.4	85.5 90.4	85.5 90.5	85.5 90.5	85.5 90.5	85.5 90.5	25.5 90.5			35.5 90.5	93.5	90.5
≥ '900 ≥ 1500	88.4 90.4	92.8 93.2	91.5	91.9	92.4	92.4	92.5 95.0	92.6 95.3	92.6 95.3	95.3	92.6 95.3	92•6 95•3	95.3	92.6 95.3		95.3
≥ 1200 ≥ 1000	71.4 92.1	94.2	95.9	95.5	96.0 97.1	96.0 97.1	96 • Z 97 • S	96.6	96.6 97.8	97.8	96.5 97.8	96.6 97.8	96.6 97.8	96.5 97.8	97.8	
≥ 900 ≥ 800	92.5	95.5 95.6	96.1	96.6	97.8	97.8	97.7	98.6	98.1 98.7	98.1 98.7	98.1 98.7	98 • 1 98 • 7	98.3 98.9		98.9	98.9
≥ 700 ≥ 660	52.6 52.7	95.4 95.7	96.5	97.1	97.8	97.9 98.0	98.5 98.6	98.9	98.9 99.0		99.G	99.0	99.2		99.3	99.3
≥ 500 ≥ 400	93.0 93.0	96.1	97.1	97.6	98.5	98.5	99.1	99.4	99.4 99.8	99.7 99.8	99.7				100.0	130.0
≥ 300	93.0	96.1 96.1	97.1	97.7	98.5	98.6	99.1	99.4	99.6	99.5	99.8	99.3	160.0		100.0	100.0
≥ '00'	93.0	96 · 1 96 · 1	97•1 97•1	97.7 97.7	98.5 98.5	98.6	99 · i 99 · i	७७∙ <i>म्</i> ७७• <i>म्</i>	99.6 99.6		99.8 99.8				100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

906

USAF ETAC 1084 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE ORSCIET

ATT PROCESSING BRANCH USAF ETAC ATR *EATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

22572 AREELER AFB HI

68-70,73-79

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-140

CENING	:						VISI	BILITY STA	itute will	E\$						:
fEE;	≥10	≥6	≥5	≥4	23	≥2 ;	22	217	≥1.	≥1	≥	≥,,	≥ :	≥5 16	٤.	≥c ¹
NO CEILING	i	43.7				43.7	43.7	43.7	1		=3.7	43.7	(			43.7
	45.0	45.0				46.3		46.0		46.€					46.0	
≥ 18000	46.1	45.0	46.D		46.1	46.1	46.1	46.1	46.0	46.0		45.0 46.1	46.0			46.1
≥ 14000	47.2				47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	
≥ 12000	49.3	49.3	49.0	49.0	49.0	49.0	49.d	49.Q	49.0	49.3	49.3	49.0	49.0	49.0	49.3	49.0
≥ 10000	E0.4	50.6	50.6	50.6	50.5	50.5	50.5	50.¢	50.6	50.6	50.6	50.5	50 • 5	50.6	53.6	50.6
≥ 9000	51.0	51.1	51.1	51.1	<u>51.1</u>	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 8000	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 7000	51.5	51.9	51.9	<del></del>	51.9	51.9	51.9		51.9	51.9		51.5	51.9	51.9	51.9	51.9.
≥ 5000	= 2 • 1		52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 5000	57.2		57.4	57.4		57.4	57.4	57.4	57.4	57.4	57.4		57.4			
≥ 4500 1 ≥ 4000	01.6	51.8		51.6	61.8	61.8	51.8	61.8	1	61.8		61.8	61.8	51.8	61.6	
	53.4	68.7	68.7	55.7	63.7	68.7	65.7	55.7		66.7	68.7	68.7		68.7		
, ≥ 3500 , ≥ 3000	72.2			72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	
	77.9 62.2			79.1	79.1	79.1	75.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1		79.1
≥ 2500 ≥ 2000	ê7.0			63•7 90•0	54.0 90.3		90.5	92.6	84.1	92.6	34.1 90.6	84.1 90.6	84.1 90.6	84.1 90.5	84.1 90.5	1
008≀ ≤	27.9			90.9		91.6	91.7	91.8	90.6	91.5	91.8	91.8	91.8	91.8	91.8	
≥ 1500	29.4	92.1	92.7	92.9	1	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	
≥ 1200	°D.5			94.4		95.5	95.8	95.2	96.2	96.2	96.2	76.2		96.4	76.4	
≥ 1000	91.3	94.4		95.4		96.7	97.1	97.7	97.8	1		97.8		97.9		
≥ 900	Ç1.5	94.7	95.4	95.7	96.5	97.0	97.5	78.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	
! ≥ 800	91.5	94.9	95.7	96.1	97.d	97.6	98.1	98.6	98.9	98.9	:	98.9	99.0	99.3	99.0	1 1
≥ 700	91.6	95.3	95.9	96.4	97.2	97.8	98.5	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 600	91.6	95.0	96.d	96.5	97.4	97.9	98.5	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 500	91.5	95.3	96.0	96.5	97.4	98.1	98.8	99.4	99.6	99.6	99.5	99.6	99.7	99.7	99.7	99.7
≥ 400	91.8	95.3	96.2	96.7	97.6	98.3	99.0	99.7	99.8	99.8	99.8	99.5	99.9	99.9	99.9	99.9
≥ 300	91.8		96.2	96.7	97.6	96.3	99.0	99.7	99.3						190.0	
≥ 200	41.8	95.3	96.2	96.7	97.6		99.0	99.7	99.8						100.0	
≥ 00	91.6		96.2	96.7	97.6	98.3	99.0	99.7	99.8							100.0
≥ 0	91.6	95.3	96.2	96.7	97.6	98.3	99.0	99.7	<u>99.8</u>	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS...

906

USAF ETAC ALM 0-14-5 (OL A) MEVIOUS SOMEONS OF THIS FORM AND ORISOLE

DATA PROCESSING BRANCH USAF CIAC ALP JEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

275's AMEELER AFE HI

68-73,73-79

JAX

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEIU≫G	_						v:S:	BILITY STA	TUTE MILE	S						
	≥10	≥6	≥5	≥4	≥3	≥2:	≥2	≥1 ; i	≥1.	<u>≥</u> 1 ,	≥ :₄	≥ 'n	ډ ≤	≥5 16	≥.	≥0 '
NO CE UNG } ≥ 20000	45.4	4	45.9 40.0	45.9	46.7	46.J 49.1	45.3 49.1	45.1	46.7	46.0 49.1	46.3 49.1	46.0 49.1	45.0 49.1	45.0 49.1	46.0 49.1	46.2 49.1
≥ 18000 ¹ ≥ 15000 ¹	49.2	49.2	49.1 49.2	49.1 45.2	49.2	49.2	49.3	49.3	49.2 49.3	49.2	49.2 49.3	59.2 49.3			• -	49.2
≥ 14000 ≥ 12000	50.8 51.9	50.7 52.d	50.7 52.d	50.7 52.0	52.1	50.8 52.1	50.8 52.1	50.8 52.1	50.8 52.1	50.8 52.1	50.2 52.1	50.2 52.1	50.8 52.1	50.8 52.1	50.8 52.1	50.8 52.1
≥ 10000 ≥ 9000	≣3•2 54•4	53.3 54.5	53.3 54.5	53.3 54.5	53.4 54.7	53.4 54.7	53.4 54.7	53.4 54.7	53.4	53.4 54.7	53.4 54.7	53.4 54.7		53.4 54.7	53.4 54.7	53.4! 54.7
≥ 8000 ≥ 7000 .	54 • 8 : 5 • 4	55.2 55.9	55•3 56•0	55.3 56.0	55.4 56.1	55.4 56.1	55.4 56.1	55.4 56.1	55.4 56.1	55.4 56.1	55.4 56.1	55.4 56.1	55.4 55.1	55.4 56.1	55.4 56.1	
≥ 6000 ≥ 5000	55.2	56.5 60.8	55.7 60.9	55.7 62.9	56.8 61.0	56.3 51.0	56.8 51.0	56.5 51.5	55.5 61.0	56.8 61.0	56.8 61.0				56.8 61.3	
≥ 4500 ≥ 4000	58.Z	64.7	64.1 55.8	68.8	64.Z	54.2 59.0	64.2 69.0	64.Z	64.2 69.0	64.2 59.0	64.2 69.5	64.2 69.0			-	69.0
≥ 3500 ≥ 3000	71.3 73.6	71.6	71.9 79.8	71.9 79.9	72.0 80.0	72.0 50.0	72.9 as.0	72.0 80.0	72.0 35.0	72.0 60.0	72.0 80.0	72.0 60.0	1	77.0 80.0		72.0°
≥ 2500 ≥ 2000	52.3 56.4	83.7 89.0	84.1 89.5	84.3 89.7	54.4 89.3	84.4	84.4	64.4 89.8	84,4	84.4 89.8	84.4	84.4		87.4 89.8		
≥ 180¢ ≥ 1500	37.7 39.6	90.8 92.7	91.5 93.8	91.8 94.3	\$1.4 94.5	91.9	91.5	91.9	91.9	91.9	91.9 94.7	91.9	91.9 94.7	91.7 94.7	91.9 94.7	
≥ 1200 ≥ 1000	₹0.8 \$1.5	94.2 95.0	95.3 96.3	96.J 97.0	96.2	76.2 97.2	96.5 97.7	95.5	96.6	96.6	96.6 97.7	96.5 97.7		96.5 97.7	96.6 97.7	
≥ 900 ≥ 800	91.7 91.9	95.2 95.6	96.6 96.9	97.2	97.5 98.0	97.5	97.9	97.9 98.7	97.9	97.9	97.9 98.7	97.9 98.7				97.9
≥ 700 ≥ 600	91.9 92.1	95.6 95.6	96.9 97.1	97.7 98.0	93.U 96.3	98.3	99.0	98.7 99.1	98.7 99.1	98.7	98.7 99.3	98.7	98.7	98.7		1 1
≥ 500 ≥ 400	92.1 92.1	95.8 95.3		95.1 9E.1	98•4 98•4	98.4	99.2	99.3	99.4	99.7	99.7 99.7	99.7	99.7 99.7		99.7 99.7	
≥ 300	92.2 92.2	95.9	97.2 97.2	98.3	98.7	98.7	99.4	99.6	99.7	99.9	1 1 1 1 1					
≥ 100 ≥ 0	92•2 92•2	95.9 95.9	97.2 97.2	98.3 98.3	98.7 98.7	98.7 93.7	99.4 99.4		99.7 99.7		190.0 100.0				100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

90

USAF ETAC ALL 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DISCUS

DATA PROCESSING BRANCH USAF ETAC ATR WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

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AHEELER AFE HT

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JAN

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	BILITY ISTA	NUTE MILI	ESI						
·FEET	≥10	≥6	≥5	≥ 4	≥3	≥277	≥ 2	≥1%	≥1′4	≥1	≥ 14	≥ ⅓	צ'י≤	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	58.2 59.3	53.3 59.4	58.3 59.4	58.3 59.4	58.3 59.4	58.3 59.4	58.3 59.4	56.3 59.4	58.3 59.4	58.3 59.4	58.3 59.4	58.3 59.4	58.3 59.4	58.3 59.4	55.3 59.4	58.3
000 ≥ :155	39.4 59.4	59.5	59.5	59.5 59.5	59.5 59.5		59.5	59.5 59.5	59.5 59.5	59.5	59.5 59.5	59.5	59.5	59.5 59.5	59.5 59.5	59.5 59.5
≥ 14000 ≥ 12000	60.1 62.2	62.4	60.3	60.3 62.5	62.5	60.3 62.5	80.3 62.5	60.3	60.3 62.5	60.3	60.3	60.3	60.3	60.3	60 T	60.3
≥ 10000 ≥ 9000	64.9	63.6	63.7 65.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 8000 ≥ 700°	55.2 55.3	65.6		65.7	65.7	65.7	65.7	65.7 65.8	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 6000 ≥ 5000	5.8 8.88	66.2	66.3	60.3	65.3	66.3	56.3	66.3	66.3	56.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4500 ≥ 4000	£9.7 72.€	70.1 73.2	70.2		70.2	70.2 73.3	70.2	70.2	70.2	70.2 73.3	70.2 73.3	70.2	70.2	70.2	70.2 73.3	70 · Z
≥ 3500 ≥ 3600	75.9	76.8	76.° 84.1	7ć ,	76.9 84.3	76.9 84.3	76.9	76.9 84.3	76.9 84.3		76.9 84.3	76.9	76.9	76.9 84.3	76.9 84.3	
≥ 2500 ≥ 2000	34.3 88.7	36.0	86.1 91.1	86.1 91.1	86.2 91.3	86.2	86.2 91.3	86.2 91.4	86.2 91.4	86.2	86.2 91.4	86.2 91.4	86.2	86.2 91.4	86.2 91.4	
≥ 1800 ≥ 150°	89.3 90.5	92.0 93.1	1 :	92.4 94.0		92.6	92.6	92.9	92.9	92.9 94.7	92.9 94.7	92.9	) '	92.9 94.7		
≥ 1200 ≥ 1000	91.3	93.8	94.8	95.0 95.8		95.7 96.6	95.7 96.8	95.9	95.9	95.9 97.2	95.9 97.2		1	95.9 97.2	95.9 97.2	95.9
≥ 900 ≥ 800	92.4	95.1 95.3	96.1 96.3	96.2 96.4	1	97.2 97.5	97.3 97.7	97.5		97.7 98.0	97.7 98.0			97.7 98.0		
≥ 700 ≥ 600	92.4	95.4 95.6	96.6 97.0	96.7	97.8 98.3	97.9 98.4	98.0 98.6	98.3 98.9	98.4 99.0		98.4 99.0		1	98.4 99.0	98.4	
≥ 500 ≥ 400	92.6 92.6	95.8	1	,,,,	98 • 8 98 • 9		99.1	99.4	99.5 99.6		99.5 99.6		,	99.5 99.6	99.5	)
≥ 300 ≥ 200	92.6 92.6	95.8 95.8		97.7 97.7	98.9 99.0		99.3 99.4	99.5 99.6	99.6		99.6 99.8		1	99.6	-	}
≥ 100 ≥ 0	92.6 92.6	95.8 95.8	1	97•7 97•7	99.0 99.0	-	99.5 99.5	99.8 99.8			99.9 99.9		100.0 100.0		-	100.0

TOTAL NUMBER OF OBSERVATIONS_

81.

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE LABOURTE

DATA PROCESSING BRANCH USAF ETAC AIR REATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

HEELER AFS NI

68-70,73-79

MONTH -

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							۷۱¢	BILITY IST	ATUTE MILI	ES.						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 7	≥ 2	≥1 ⅓	≥1′4	≥1	≥ 3⁄4	≥ 2/8	≥ ⅓	≥ 5.16	≥ .	≥0
NO CEILING ≥ 20000	50.5 53.4	60.0 60.4	60.0	60.4	60.0 60.4	50.0 60.4	60.0 60.4	60.3 60.4	60.0 60.4	53.0 65.4	60.4	60.0 60.4	60.4	60.0 60.4	60.0	60.0 60.4
≥ 18000 ≥ 16000	60.4 60.4	50 - 4 50 - 4	65.4 60.4	60.4 50.4	60.4 67.4	60.4 50.4	60.4 60.4	6C.4	60.4 60.4	50.4 60.4	60.4	60.4 60.4	60.4 60.4	60.4	60.4 60.4	60.4
≥ 14000 ≥ 12000	61.1	61.1	63.3	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 10000 ≥ 9000	54.6 55.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.5	64.6	64.6	54.6	64.6	64.6	64.6	64.6
≥ 8000 ≥ 7000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	65.3	66.2	65.3	1	65.2
≥ 6000 ≥ 5000	06.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	65.4	66.4	56.4	66.4	66.4	66.4	66.4	66.4
≥ 4500 ≥ 4000	71.0	1 1	71.3	69 71. ú		69.0 71.0			71.0	71.0	71.0	71.0	71.0	71.0	i - 1	71.3
≥ 3500 ≥ 3000	76.0	76.0	73.6 76.0	73.6		73.6 76.0	73.6 76.0		73.6 76.0	73.6	73.6 76.0	76.0	76.0	76.0	76.0	76.0
≥ 2500 ≥ 2000	£4.8	86.2	86.2	86.4	86.6	83.7	86.6		83.7	86.6		86.6	83.7	86.6	86.6	86.6
≥ 1800 ≥ 1500	91.0	94.9	93.0 95.2		93.4	93.4	95.6		95.6	93.4 95.6	93.4 95.6	95.6	95.6	95.6	95.6	93.4
≥ 1200 ≥ 1000	93.5	96.3	96.7	96.9	97.4	96.7	96.7	96.7	96.7	96.7	97.5			97,6	1	97.6
≥ 900 ≥ 800	94.1	96.5	96.5	96.9	97.8	97.8	98.7	97-6 98•0	97.6 98.0	98.0	98.0	98.0	98.0	98.0	98.0	97.6 98.0
≥ 700 ≥ 600	94.3	96.7	97.1	97.4	98•2 98•2	98.2	98.7	98.9	98.7	98.7	98.9	98.9	98.9	98.9	98.9	1
≥ 500 ≥ 400	94.3	96.7	97.4	97.6	93.7	98.7	99.3		99.3	99.3	99.3	99.1	99.3	99.3	99.3	
≥ 300 ≥ 200	94.3	96.7	97.4	97.6	98.7	98.7			99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 100	94.3	96.7	97.4		93.7	98.7	99.3	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
_ ≥ 0	94.3	96.7	97.4	97.6	98.7	98.7	99.3	99.3	99.6	99.6	99.5	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS_

45

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

GATA PROCESSING BRANCH USAF ETAC AIR LEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

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JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS LST

CEILING							Vi\$i	BILITY (STA	TUTE MILE	S,						
FEET	≥10	≥6	≥ 5	≥ 4	€3	≥2 7	≥ 2	≥1/7	≥112	≥1	≥ 14	≥ 2/8	≥ 'י	≥5 16	≥ .	≥n
NO CEILING ≥ 20000	50 • 4 5 <b>2 •</b> 5	50.5 52.7	50.5 52.7	50.5 52.7	50.5 52.7	50.5 52.7	50.5 52.7	50.5 52.7	50.5 52.7	50.5 52.7	50.5 52.7	50.5 52.7	50.5 52.7	50.5 52.7		50.5 52.7
≥ 18000 ≥ 16000	52.6 52.7	52.7 52.8	52.7 52.9	52.7 52.8	52.8	52.8 52.8	52.8 52.8	52.8 52.8	52.8 52.8	52.8 52.8	52.8 52.8	52 • 8 52 • 8	52.8	52.8 52.8	52.8	52.8 52.8
≥ 14000 ≥ 12000	53.8 55.3	54.0 55.5	54.0 55.5	55.5	54.D 55.5	54.0 55.5	54 • C 55 • 5	54.0 55.5	54.0 55.5	54.0 55.5	54.0 55.5	55.6	55.6	54.0 55.6	55.6	54.0 55.6
≥ 10000 ≥ 9000	56.7 57.6	56.9 57.8	57.8		57.0 57.8	57.0 5/.8	57.0 57.8	57.8		57.0 57.8	57.0 57.8	57.0 57.9	57.9	57.0 57.9	57.9	57.0 57.9
≥ 8000 ≥ 7000	58.0 58.4	58.3	58.8	58.8	58.4 58.8	58.4		58.4 58.8	58 • 4 58 • 8	58.4 58.8	58.4 58.8		58.9	58.4 58.9	58.4	58.4
≥ 6000 ≥ 5000	59.0 52.7 65.5	59.3 63.1	63.2		59.4 63.2	59.4 63.2	59.4 63.2	59.4 63.2	59.4	59.4 63.2	63.2		63.2	59.4 63.2	59.4 65.2	59.4 63.2 56.1
≥ 4500 ≥ 4000 ≥ 3500	70.0	70.7 74.1	70.7	56 • 1 70 • 7 74 • 2	79.8 74.3	66.1 70.6 74.3	70.8 74.3	70.8 74.3	70 · 8 74 · 3	70 · 8	70.8 74.3	56.1 70.8 74.3		66.1 70.3 74.3	66.1 70.8 74.3	76.8
≥ 3000 ≥ 2500	79.2	90.5 84.1	80 · 8	80.9	81.C	81.0	}	1	81.D	81.8	81.0		81.1	81.1	81.1	81.1
≥ 2000	87.0	89.4		90.2	93.4	90.5		90.5	90.5		90.5		90.6	90.6	90.6	1 1
≥ 1500	90.0	92.8	93.8		94.6	94.7 96.0		94.9	94.9	94.9	94.9	94.9	94.9	94.9	1	- 1
≥ 1000 ≥ 900	91.3	94.9	95.7		95.9	97.5	97.3	97.5	1	97.5	97.5	97.5	97.6			97.6
≥ 800 ≥ 700	91.8 91.9	95.2	96.4	96.8	97.6	97.7	98 • 1 98 • 4	98.4	98.4							
≥ 500	92.1 92.1	95.5	96.8		98.2	98.2 98.4	98.7 99.0	99.0 99.2	99.3		99•2 99•5	99.2 99.5				99.5
≥ 400 ≥ 300	92.2	95.6	96.9	97.5	1	98.6 98.6	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	1 1
≥ 200	92.2	95.6	96.9	97.5		98.7 98.7	99.3	99.5	99.6	- 1	99.8	99.8	99.9 100.0	100.0	100.0	200.0
≥ 0	92.2	95.6	96.9	97.5	98.5	98.7	99.3	99.5	99.6	99.8	99.8	99.8	K 00 • 0	<u> 100.0</u>	<u>μου•ο</u>	100.0

TOTAL NUMBER OF OBSERVATIONS

4863

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

-BATA PROCESSING-BRANCH (SAF ETAC AIM MEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

2250a

MHEELER AFB HI

73

FEE

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 3300-0500</u>

CEILING							VIS	BILITY (ST	ATUTE MIL	ES:						
(FEET)	≥10	≥6	≥5	≥ 4	≥ 3	≥27	≥ 2	≥1⅓	≥1'₄	≥1	≥ ⅓	≥ 3⁄4	≥ 1/2	≥5 16	≥ '4	≥0
NO CEILING ≥ 20000	63.3 63.3	93.3 83.3	83.3 83.3	83.3 83.3	0	83.3 83.3	83.3 83.3	33.3 83.3	83.3 83.3		83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	33.3 83.3	83.3
≥ 18000 ≥ 16000	53.3 83.3	93.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3		83.3 83.3	,	83.3 63.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3
≥ 14000 ≥ 12000	73.3 23.3	83.3 83.3	63.3 63.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3		83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3
≥ 10000 ≥ 9000	23.3 83.3	83.3 23.3	83.3	73.3 83.3		83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3
≥ 8000 ≥ 7000	83.3	83.3	83.3	83.3 83.3		83.3 83.3	83.3 83.3		83.3 63.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3
≥ 6000 ≥ 5000	83.3	83.3	83.3 83.3	63.3 83.3	83.3	83.3	83.3 83.3	83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3		83.3
≥ 4500 ≥ 4000	23.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	23.3	83.3	83.3 83.3	83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3		83.3
≥ 3500 ≥ 3000		100.0	100.0	100.0		100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.3		100.0
≥ 2500 ≥ 2000	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	100.0	100.0	100.0	190.0	100.0 100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0		100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	100.0	100.0		100.0	100.0	100.0	100.0		100.0	100.0	100.0	190.0	100.0	100.0	100.0	
≥ 760 ≥ 600	130.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0	160.0	100.0
≥ 500 ≥ 400	100.0	100.0	100.0	100.0	100.0	109.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0		100.0	100.0	100.0	100.0	160.0		100.0	100.0	100.0	100.0	100.0	100.0	150.0	
≥ 100 ≥ 0					100.0 100.0			100.0 100.0								

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

DATA PROCESSING BRANCH LSAF ETAC ADD ASATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

20578

THEELER AFE HI STATION NAME

68-70,73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 0600-3800</u>

CEILING							VISI	BILITY 'STA	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥4	≥3	≥2 7	≥ 2	≥17	≥1'.	≥1	≥ 14	≥ 3/8	2 4	≥5 16	٤.	≥0
NO CEILING ≥ 20000	55.4 57.7	55.6 58.3	55.7 58.1	55.2 58.2	55•8 58•2	55.8 58.2	55.8 58.2	55.8 58.2	55.8 58.2	55.3 58.2	55.8 58.2	55.8 58.2	55.8 58.2	55.8 58.2	55.8 58.2	55.8 56.2
≥ 18000 ≥ 16000	57.7 57.8	58.0 58.1	58 • 1 58 • 2	55.2 58.4	52.2 58.4	58 • 2 58 • 4	58.4	58 • 2 58 • 4	58.2 58.4	58.2 58.4	58 • 2 58 • 4	58.2 58.4	58.2 58.4	58 - 2 58 - 4	58.2 58.4	58 • 2 58 • 4
≥ 14000 ≥ 12000	5	59.5 60.5	59.1 63.1	59.2 60.3	59.2 60.3	59.2 60.3	59.2 60.3	59.2 60.3	59.2 60.3	59.2 60.3	59.2 60.3	59.2 60.3		59.2 60.3	59.2 60.3	59.2 60.3
≥ 10000 ≥ 9000	51.6 51.8	62.2	62.2	62.4 62.4	62.4	62.3 62.4	62.3 62.4	62.4	62.3 62.4	62.4	62.3 52.4	62.3 62.4		62.3 62.4	62.3 62.4	62.4
≥ 8000 ≥ 7000	52.2 52.3	62.5	62.3	62.8	62.8	62.8 62.9	62.8	62.8	62.8	62.8	62.8		62.9	62.9	62.8	62.9
≥ 6000 ≥ 5000	62.5 65.1	62.9	63.0 65.7	65.8	63.2 65.8	63.2 65.8	63.2	63.2 65.8	63.2 65.8	63.2 65.8	63.2	63.2 65.8	63.2 65.8	63,2	63.2 65.8	63.2
≥ 4500 ≥ 4000	67.8	72.0	68.7 72.4	68.9 72.5	68.9 72.5	$\overline{}$	72.5	68.9 72.5	58.9 72.5	72.5	72.5	68.9 72.5	68.9 72.5 75.7		68.9 72.5	72.5
≥ 3500 ≥ 3000	74.2 77.5	75.2 79.1	75.6 79.7 83.0	75.7 83.6 83.4	75.7 80.1	75.7 20.1 83.9	75.7 80.3	75.7 80.3 84.1	75.7 80.3	75.7 80.3	75.7 80.3 84.1	75.7 80.3	75.7 80.3	75.7 80.3	75.7 80.3	86.3
≥ 2500 ≥ 2000	36.2	82.4 88.5 91.3	59.4 92.2	89.7	90.4	90.4		90.6	90.6	90.6	90.6	90.6		90.6	90.6	90.6
≥ 1800 ≥ 1500 ≥ 1200	91.3	93.9	95.1	95.8 95.6	97.D 98.1	97.3	97.6	97.6	97.6	97.6	97.6			97.7	97.7	97.7
≥ 1000	91.6	94.9	96.1	97.1	98.6	99.0	\$9.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 800 ≥ 700	91.6	94.9	96 • 1 96 • 1	97.1 97.1	98.6	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	59.7
≥ 500	91.6	94.9	96.1	97.2 97.2	98.7	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	1
≥ 400 ≥ 300	91.6	94.9	96.1	97.2	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9		100.0		100.0
≥ 200	91.6	94.9	96.1	97.2	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	91.6			97.2		99.1	99.9					i	i .	1	1	100.0

STAL NUMBER OF ORSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

GATA PARCESSING BRANCH USIF ETAC AIF WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

22503

AMEELER AFB HI

66-73,73-79

FEB

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3930-1100

CEILING		_					VIS	BILITY IST	ATUTE MILL	ES.						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2 າ	≥ 2	≥1 %	≥14	≥i	≥ '₄	≥ '⁄4	≥ 5	≥5 16	≥ .	≥c
NO CEIUNG ≥ 20000	49.1 53.3	49.2 53.4	49.2 53.4	49.2 53.4	49.2 53.4	40.2 53.4	49.2 53.4	49.2 53.4	49.2 53.4	49.2 53.4	49.2 53.4	49.2 53.4	49.2 53.4	49.2 53.4	49.2 53.4	49.2 53.4
≥ 18000 ≥ 16000	53.3 53.4	53.4 53.5	53.4 53.5	53.4 53.5	53.4 53.5	53.4 53.5	53.4 53.5	53.4 53.5	53.4 53.5	53.4 53.5	53.4 53.5	53.4 53.5	53.4 53.5	53.4 53.5	53.4 53.5	53.4
≥ 14000 ≥ 12000	34.4 35.7	54.5 55.8		55.8	54.5 55.8	54.5 55.8	54.5 55.6	54.5 55.8	54 • 5 55 • 8	54.5 55.8	55.8	54.5 55.8	55.8	54.5 55.8	54 • 5 55 • 8	55.8
≥ 10000 ≥ 9000	57.2 57.2	57.1 57.3		57.1 57.3	57.1 57.3	57.1 57.3		57.1 57.3	57.1 57.3	57.1 57.3		57.1 57.3				
≥ 800C ≥ 7000	57.4 57.8		57.6 57.9	57.6 57.9	57.6 57.9	57.6 57.9	57.6 57.9		57.6 57.9	57.6 57.9	57.9	57.6 57.9	57.9		57.9	57.9
≥ 6000 ≥ 5000	58.9 61.6	61.7	59.J 61.7	59.0 61.7	61.7	59.0 61.7	59.0 61.7	59.0 61.7	59.8 51.7	59.0 61.7	61.7	59.0 61.7	61.7	61.7	59.0 61.7	61.7
≥ 4500 ≥ 4000	68.6	65.2 68.7	65.2 68.7	65.2 68.7	65.2 65.7	65.2 68.7	65.2 68.7	65.2 68.7	65.2 68.7	65.2 68.7	68.7	65.2 68.7	68.7	65.2 68.7	65.2 68.7	68.7
≥ 3500 ≥ 3000	73.2	73.4 90.1 83.3	73.4 £0.4	73.4 80.4	73.4 80.4	73.4	73.5 80.6		73.5 80.6	73.5		73.5 80.6	80.6	73.5 80.6	73.5 80.6	
≥ 2500 ≥ 2000 ≥ 1800	52.4 58.4	90.1	90.5 92.6	83.6 90.9	83.7 91.4 93.5	23.7 91.4 93.6	83.9 91.7	83.9 91.8 94.1	83.9 91.8 94.1	84.2 92.1 94.3	84.2 92.1 94.3	94.2 92.1 94.3	92.1	84.2 92.1 94.3	84.2 92.1 94.3	92.1
≥ 1500 ≥ 1500	90.7	92.9	93.6		94.9	95.0	95.6	96.0 98.0	96.D	96.2 98.2	96.2		96.2	96.2 98.2	96.2 98.2	96.2
≥ 1000	92.5	94.4	95.3 95.4	96.1	97.4	97.6	98.3	98.6 98.7		98.9	98.5		98.8	98.8	98.8	1 1
≥ 800	92.2	94.7	95.6 95.6	96.5	97.6 97.6	98.1	98.6	98.9	98.9	99.4	99.2	99.2	99.2		99.2	99.2
≥ 600	92.2	94.8	95.7	96.6	97.8	98.2	98.9	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	92.3	94.9	96.0	96.8		98.5 98.5	99.2	99.6	99.6		99.9	99.9	99.9	99.9	99.9	
≥ 200	92.	94.9	96.0	96.8	98.0	98•5 98•5	99.2	99.6		99.9	99.9	99.9	100.0	100.6	100.0	130.0
≥ 100 ≥ 0	92.3	94.9	96.0	96.8	98.0	98.5	99.2		99.6				1	1		100.0

TOTAL NUMBER OF OBSERVATIONS...

846

USAF ETAC 108M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AI- SEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

WHEELER AFE HI

68-79,73-79

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY 'STA	ATUTE MIL	E\$						
FEET	≥10	≥6	≥5	≥4	≥ 3	≥2 7	≥ 2	≥17	≥1.	≥1	≥ '₄	≥ 3-9	≥ 2	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	45.2	41.1 45.2	41.1 45.2	41.1 45.2	41 • 1 45 • 2	41.1 45.2	41.1 45.2	41.1 45.2	41.1 45.2	41.3 45.3	41.3	41.3 45.3	41.3 45.3	41.3 45.3	41.3 45.3	
≥ 18000 ≥ 16000	45.4 45.7	45.4 45.7	45.4 45.7	45.4 45.7	45.4 45.7	45.4 45.7	45.4 45.7	45.4 45.7	45.4	45.5 45.9	45.5 45.9	45.5 45.9	45.5 45.9	45.5 45.9	45.5 45.9	45.5 45.9
≥ 14000 ≥ 12000	47.3 48.1	47.3 48.1	47.0 48.1	47.0 48.1	47.0 48.1	47.0 48.1	47.5 48.1	47.G 48.1	47.5 48.1	47.2 48.2	47.2 48.2	47.2 48.2	47.2 48.2	47.2 48.2	47.2 48.2	47.2 48.2
≥ 10000	50.1 50.7	50.1 50.7	50 • 1 50 • 7	50.1 50.7	50.1 50.7	50.1 50.7	50.1 50.7	50.1 50.7	50.1 50.7	50.2 50.8	50.2 50.8	50.2 50.8		50.2 50.8		50 • 2 50 • 8
≥ 8000 ≥ 7000	51.2 52.0	51.2 52.0	51.2 52.0	51.2 52.0	51.2 52.0	51.2 52.0	51.2 52.0	51.2 52.0	51.2 52.0		51.3 52.1	51.3 52.1	52.1	51.3 52.1	52.1	52.1
≥ 6000 ≥ 5000	57.8	53.1 57.8	57.8	53.1 57.8	53.1 57.8	53.1 57.8	53.1 57.8	53.1 57.8	53.1 57.8	53.2 57.9	53.2 57.9	53.2 57.9	57.9	53.2 57.9	53.2 57.9	
≥ 4500 ≥ 4000	52.2	62.2 65.0	65.3	62.2 65.0	62.2 65.0	62.2 65.0	62•2 65•0	62.2	65.0	62.3 65.1	62.3	62•3 65•1	65.1	65.1	62.3 65.1	65.1
≥ 3500 ≥ 3000	71.7	71.3	71.3	71.3 78.1	71.3	71.3	71.3 78.6	71.3 78.6	71.3 78.6		71.4 78.7	71.4 78.7	71.4 78.7	71.4	71.4	71.4
≥ 2500 ≥ 2000	£7.0	81.5 88.1	81.7	81.7	88.9	88.9	82•2 89•2	82.2	82.2 89.4	89.5	32.3 89.5	82.3 89.5	89.5	82.3		
≥ 1800 ≥ 1500	91.4	91.1	91.6	91.7	92.3	92.3	92.7	92.8	92.8	96.3	92.9 96.3		96.3		92.9 96.3	96.3
≥ 1200 ≥ 1000	92.2 92.3	93.9 94.0	95.7 95.7	95.9	96.7	96.8	97.4 98.0	97.6 98.5	97.6 98.5	98.7	97.9	97.9 98.7	98.7	97.9 98.7	98.7	97.9
≥ 900 ≥ 800	92.7 92.7	94.4	95.9	96.5 96.5	97.6 97.8	97.9	98.5	98.9	98.9	99.8	99.2	99.8	99.8	99.8	99.2 99.8	99.8
≥ 700 ≥ 600 > 500	92.7	94.6	96.0	95.6	97.9	97.9 98.0	98.7	99.4		100.0			100.0	100.0		
≥ 500 ≥ 400 ≥ 300	92.7	94.6	96.0 96.0	96.6	97.9	98.0	98 • 8 98 • 8	99 • 4 99 • 4	99.5	100.0	100.0	100.0	100.0	100.0 100.0	100.0	106.0
≥ 200	92.7	94.6	\$6.€		97.9	95.0	98.8	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 100	92.7	94.6			97.9		1									100.0

TOTAL NUMBER OF OBSERVATIONS.

WATE PROCESSING BRANCH USAF ETAC ALP MEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

22578 SHEELER AFB HI

1

63-70,73-79

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1530-1700

CEILING							VISI	BILITY STA	ATUTE MIL	ES						
-FEET	≥10	≥6	≥5	≥4	≥3	≥2 2	≥2	≥1 ?	≥1.	≥1	≥ئے	و'ذ ≤	≥ 5	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	41.5	41.5 45.2	41.5 45.2	41.5 45.2	41.5 45.2	41.5 45.2	41.5 45.2	41.5 45.2	41.5 45.2	45.2	41.5 45.2	41.5 45.2	41.5 45.2	41.5 45.2	41.5 45.2	41.5 45.2
≥ 18600 ≥ 16000	45.4 45.7	45.6 45.7	45.4	45.6	45.6 45.7	45.6 45.7	45.6	45.6 45.7	45.6 45.7	45.6 45.7		45.6 45.7	45.6 45.7	45.6 45.7	45.6 45.7	45.6 45.7
≥ 14000 ≥ 12000	46.9 46.9	46.9	46.9	46.9	46.0	46.9 46.9	46.3	46.0	46.9	46.9	45.9	46.0 46.9	46.9	46.9	46.9	46.0 46.9
≥ 10000 ≥ 9000	49.0 49.9	49.0	49.5	49.9	49.0 49.9	49.0	49.0	49.9	49.0 49.9	49.5		49.9 49.9	49.9	49.0 49.9	49.9	49.9
≥ 8000 ≥ 7000	50.3 50.9	50.3	50.3 50.9	50.3 50.9	50.3 50.9	50.3	50.3 50.9	50.3 50.9	50.3 50.9	50.9	~	50.3 50.9	50.9	50.3 50.9		50.3 50.9
≥ 6000 ≥ 5000	52 • 3 55 • 3	52.1 55.4	52.1 55.4	52.1 55.4	52.1 55.4	52.1 55.4	52.1 55.4	52 • 1 55 • 4	52.1 55.4			52.1 55.4	55.4	52 • 1 55 • 4	52.1 55.4	52.1 55.4
≥ 4500 ≥ 4000	63.8 25.7	50.9 65.9	65.9	65.9	60.9 65.9	65.9	60.9 65.9	60.9 65.9	60.9 65.9		65.9	60.9 65.9	60.9 65.9		60.9 65.9	
≥ 3500 ≥ 3000	72.5 30.5	72.8 81.1	72.9 81.4	72.9 81.4	72.9 81.7	72.9	72.9	72.9	72.9 81.7	81.7	72.9 81.7	72.9 81.7	72.9 81.7	72.9 81.7	72.9 31.7	72.9 81.7
≥ 2500 ≥ 2000	89.9	90.9	86.0 91.4	86.0 91.5	36.3 91.7	86.3 91.8	86.3 91.8		86.3 91.8		86.3 91.8	86.3 91.8	86.3 91.8	86.3 91.8	86.3 91.8	86.3 91.8
≥ 1800 ≥ 1500	92.1 93.3	93.1	93.8 95.7	94.3	94.6	94.8	94.9	94.9	94.9 97.0	,		94.9 97.5	94.9 97.5	94.9 97.5	94.9 97.5	94.9
≥ 1200 ≥ 1000	93.5 93.5	94.5	96.4	96.8 97.0	97.2 97.5	97.9	97.9 98.1	97.9	97.9 98.2		98•3 98•7	98.3 98.7	98•3 98•7	98.3 98.7		98 • 3 96 • 7
≥ 900 ≥ 800	93.5 93.5	95.0	96.6 96.6	97.2	97.6 97.6	98.0 98.0	98.2 98.2	98.5 98.5	98.5 98.5	98.9		98.9 98.9			98.9	
≥ 700 ≥ 600	93.5 93.6	95.1 95.1	95.5 96.7	97.3	98.0 98.1	98.3 98.5	98.7 98.9	98.9 99.3	98.9	99.9	99.4 99.5	99.4		99.4		99•4 99•9
≥ 500 ≥ 400	93.6 93.6	95.1 95.1	96.7	97.4 97.4	98 • 1 98 • 1	98.5 98.5	98.9 98.9	99.3	99.3 99.3	99.9 99.9	99.9 99.9	99.9 99.9			99.9 99.9	
≥ 300 ≥ 200	93.6 93.6	95.1 95.1	96.7 96.7	97.4 97.4	98 • 1 98 • 1	98.5 98.5	98.9 98.9	99.3 99.4	99.3 99.4		99.9 100.0	99.9 100.0		1 1	1	
≥ 100 ≥ 0	93.6 93.6	95.1 95.1	96.7	97.4 97.4	98.1 98.1	98.5 98.5	98.9 98.9	99.4	1		100.0 100.0					

TOTAL NUMBER OF OBSERVATIONS...

845

USAF ETAC RICH 0-14-5 (OL A) REVIOUS EDITIONS OF THIS FORM ARE DISCUSTE

CATA PROCESSING BRANCH USAF ETAC ALL ASATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

22816

. HEELER AFB HI

68-70,73-79

FEB

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2000

CEILING							VIS	BILITY STA	NTUTE WILE	5		_				1
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 ?	≥ 2	217	≥1 4	≥1	≥ ¼	≥ 3/9	≳ ;	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	54.9 57.3	55.8 53.2	55.8 58.2	55.8 55.2			55.8 58.2	55.8 58.2	35.€ 58.2	55.8 58.2		55.8 58.2	55.3 58.2	55.8	55.8 58.2	
≥ 18000	57.7	53.6	58.6	53.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 16000 ≥ 14000	57.7	58.6	56.6 59.3	58.5	58.5 59.3		58.6	58.6 59.3	59.3	58.5	55.3	58.6 59.3	58.6	58.5	58.6	
≥ 12000	59.1	50.3	60.3	6D.3	63.3	63.3	63.3	60.3	60.3	60.3	60.3	60.3	6J.3	50.3	60.3	60.3
≥ 10000	61.1 51.9	62.2	62.2	62•2 63•0	62 • 2 63 • 0	1	62.2 63.0	62.2 63.0	62.Z	62.2 63.0	62.2 63.0	62.2 63.0	62•2 63•0	62.2 63.0	62.2 63.0	62.2 63.0
≥ 8000 ≥ 7000	62.4	2 7 3	63.5	63.5	63.5		63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 6000	62.5	63.7	63.7 53.9	63.7	63.7		63.7	63.7	63.7	62.9	63.7	63.7	63.7 63.9	63.7	63.7 63.9	63.7
≥ 5000	63.0 64.9		<u>64</u> . 7	64.2	64.2	64.2	54.2 65.1	64.2 56.1	64.2	64.2 66.1	54.2		64.2 65.1	64.2	64.2	
≥ 4900	63.6	69.7	69.	69.7			69.7	59.7	69.7	69.7	66 • 1 69 • 7	66.1 69.7	69.7	69.7	66.1 69.7	69.7
≥ 3509 ≥ 3000	73.6 80.0	74.9 82.2	74.9 82.7		74.9		74.9	74.9	74.9	74.9 82.7	74.9 82.7		74.9 82.7	74.9 82.7	74 • 9 82 • 7	74.9
≥ 2500 ≥ 2000	£3.2	85.4	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	36.1	56.1	86.1	35.1
≥ 1800	37.8 89.5	90.6	93.7	71.4 93.7	91.4		93.9	91.4	93.9	91.4			91.4	91.4		
≥ 1500	91.4	95.4		96.4			97.0		97.0						97.0	97.0
≥ 1260 ≥ 1000	91.8	95.9	96.8 97.3	97.3	96.9 97.4	- 1	97.6 98.6	97.7 98.7	97.7 98.7	97.7 98.7	97.7 98.7	97.7 98.7	97.7 98.7	97.7 98.7	97.7 98.7	97.7 98.7
≥ 900 ≥ 800	91.8	95.9 96.1	97.4	97.4	97.6 97.7	78.3	98.7 98.8	98.8	98.8 99.1	98.8 99.1	98+8 99-1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8
≥ 700 ≥ 600	92.0	96.1	97.7	97.7	97.8	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	92.0	96.1	97.7	97.8 97.8	97.9		99.2	99.5	99.6	99.5		99.6	99.6	99.5		99.6
≥ 400	92.0	96.1	97.7			98.8	99.2	99.6	99.6	99.6	99.6	99.7	99.9	59.9	99.9	99.9
≥ 300 ≥ 200	92.0 92.0	96.1 96.1	97.7	97.8 97.8			99.2		99.6	99.6 99.6		99.7	99.9	99.9	99.9 99.9	1
≥ 100 ≥ 0	92.0	- 7	97.7	97.8 97.8			99.2			1						100.0
t						لتتتب						انتتا				77.

TOTAL NUMBER OF OBSERVATIONS...

- 110

USAF ETAC 104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

DATA PROCESSING MPANCH UCA ETAC ALL REATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

27:46

w-LELED AFB HI

65-73,73-79

FE3

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2120-2300

CEILING							VIS	BILITY STA	TUTE MIL	E5						
FEET	≥10	26	≥5	≥.;	≥ 3	≥25	≥ 2	≥17	≥1 ₄	≥1	≥ %	≥1•	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	56 • 5 58 • 6	56.5 60.1	58.5 60.1	58•5 63•1	7.7	50.5 60.1	5ē.5 6J.1	52.5 55.1	°3.5 °3.1	58.5 <u>60.</u> 1	58.5 63.1	5ε.5 63.1	59.5 60.1	58.5 60.1	58.5 63.1	
≥ 18000 ≥ 16000	58.0 58.0	60.1 60.1	60 • 1 63 • 1	60.1 65.1	60.1 60.1	60.1 56.1	60.1 60.1	60.1 60.1	63.1 62.1	60.1 60.1	60.1 60.1	60.1 60.1		60.1 60.1	60.1 .60.1	60 • 1 60 • 1
≥ 14000 ≥ 12000	56.7 59.4		61.5	60.6 61.5	61.5			61.5			61.5	60.9 61.5	61.5	60.8 61.5		61.5
≥ 10000 ≥ 9000	ნ€ 5 60•5		52.6 52.6	62.6	62.6		52.6			62.6	62.6	62.6 62.6	62.6		62.6	62.5
≥ 3000 ≥ 7000	61.9	63.3	63.5	63.9	63.9		53.3 53.9	63.9	63.9	63.9	63.9	63.9	63.9		63.9	63.9
≥ 6000 ≥ 5900	62.4 62.8	64.9	64.4	64.4	64.9	54.4 54.9	64.9	64.5	64.9	64.9	64.9	64.4 54.9	64.9	64.4	64.4	
≥ 4500 ≥ 4000	67.6		66.4		69.8		69.8	59.8	56.4	69.3	69.8		69.8			
≥ 3500 ≥ 30.0	71.9	81.4	74.1 51.4	74.1 31.5		82.3	62.3	82.3	74.4 32.3	82.3	82.3	74.4 82.3	82.3	82.3	74.4 82.5	22.3
≥ 2500 ≥ 2000	66.4	95 7	84.4 90.7	95.9	91.6	91.5	85.3 91.6	<del></del>	85.3 91.6	91.6		85.3 91.6	91.6	91.5	91.6	91.5
≥ 1800 ≥ 1500	39.6 91.2	90.6	94 • 1 96 • ā	94.3		95.0 98.0	95.0 98.0	98.3	95.0 98.0	98.0	95.0		98.0	92.3	98.0	98.C
≥ 12.0	92.1 92.1	97.5 97.5	98.0 98.0	98.2	99.5			_	99.1 99.5			99.1 99.5	99.5			99.1 99.5
≥ 900 ≥ 300 ≥ 00	92.3	97.7	98.4	98.4	99.8	99.8	99.8		99.8	99.8	1	99.8	99.8	99.8	99.8	99.8
≥ 600	52.3 32.3	93.0	98.4	98.6	100.0	100.0	100.0		100.0	100.0		100.0	160.0	100.0	100.0	100.0
≥ 500 ≥ 400 ≥ 300	92.	98.0	98.4	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	106.0		100.3	100.0	100.0
≥ 200	92.	98.0	98.4	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0
≥ 00	92.3	98.4	98.4		100.0					,						

TOTAL NUMBER OF ORCERVATIONS 44

USAF ETAC KITAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRET

CATA PHOCESSING BRANCH USAF ETAC ALC REATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

22506

«HEELER AFE HI

68-78,73-79

FEB

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							۷ıS	IBILITY STA	ATUTE MIL	ES						
fti ;	≥'≎	ه≤	≥ 5	≥4	≥3	≥2?	≥ 2	≥: 7	≥1.	≥1	≥ %	≥ '•	≥ -	≥5 16	≥.	≥0
NO € 1NG : ≥ 20000 .	<b>→9.1</b>	49.5						1 3				49.5	1	, ,		ī
·	32.2	52.7						<del></del>			52.7	52.7			52.7	
2 18000 1	.2.4 52.5	52.8		,		52.9			52.9	_		52.9			52.9	, ,
		<u> 53. q</u>							53.0			53.0			53.0	
≥ 14000 ≥ 12000 ,	53.4 54.3	53.8	53.6 54.8			4			53.8			53.8	1		53.8	
	56.1	54.8			<del></del>	54.6			54.8		54.9	54.9		54.9		54.9
≥ 10000 ≥				1		56.6		1 :	56.6		56.7	56.7			1	1
	56.6 57.0					57.1		57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 8000	57.5								57.5			57.6		57.6	57.6	
<b>I</b>	58.2		58.0 58.7			58.0			58.0			58.0				58.0
≥ 5000 ≥ 5000 ¹	65.7	1		58.7		58.7		58.7	58.7		58.7	58.7		58.7	58.7	,
·	- 6 <del>3 - 1</del>		64.8	61.3		64.8		61.3	61.3	61.3	61.3	61.3		61.3		
≥ 4500   ≥ 4000	57.7	64.7			1 . 1			64.8	64.8		64.9	64.8		54 - 5	64.3	1 .
≥ 3500	72.8	73.5				73.7	68.5 73.7	65.5 73.7	68.5 73.7	68.5 73.7	68.5 73.7	73.7	73.7	73.7		
≥ 3000	79.3		80.6			80.8						80.9			73.7 80.9	, ,
≥ *500	٤2.4	83.8		84.2					84.6		84.6	84.6		84.6	84.6	
≥ 2000	87.a					1			91.1	91.1	91.1	91.1	91.1	91.1	91.1	71.1
≥ 1800	30.0		92.9			93.8			4 • C		94.1	94.1	94.1	94.1	94.1	
≥ 1500	91.5	94.1	95.1	95.6		96.4			96.9						97.1	
≥ 1200	52.1	94.8	96.3			97.6			98.1			98.3				
2 1000	92.2		96.3	96 - 8	1 1		98.6	1 1	98.8				i e	99.3		
≥ 900	92.3	95.2	96.4			92.3	98.7	98.9			99.1	99.1	99.1	99.1		
≥ 800	92.4	95.3	96.5	•				1 1	99.1	, , ,	1 1					99.4
2 700	92.4	95.3	96.5			98.5		99.3				99.5			99.6	
≥ 600	92.4	95.4	96.6		: -)	98.6		1 '1	99.5			99.8				99.8
≥ 500	72.5	95.4		37.3		98.7	99.3	99.€	99.6			99.9				
2 400	92.5	95.4	96.7	97.3		98.7		99.6	99.5		1 1	99.9				99.3
≥ 300	92.5	95.4				98.7	99.3							100.0		
≥ 200	52.5	95.4	96,7			98.7	99.3	( ' ' ' ' ' '	99.6	_				100.0		
≥ 100	92.5	95.4		97.3	98.3	C8.7	99.3		99.6					100.0		
2 0	92.5	95.4	96.7	97.3	98.3	00	22.3	1 1	99.6		99.9					156.0

TOTAL NUMBER OF OBSERVATIONS___

455

USAF ETAC MILES D-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE ORSOLET

DATA PROCESSING GRANCH USAF ETAC ITH WLATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

22508 MI EELER AFB HI

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73,73

3030-0206

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CFILING							VIS	IBILITY STA	TUTE MILE	S						
FEET	≥10	≥6	≥5	≥4	2.7	≥2 7	≥ 2	≥17	≥1.	≥;	≥ 2.	≥ 2•	2 7	≥5 16		≥0
NO CEILING					50.0	50.0	59.3	50.0	50.C	50.0	52.0	100.0	100.0	120.0	100.0	106.0
≥ 20000			1	L _	EC.D	53.0	50.g	50.0	50.0	50.0			4	100.0	ı	1
≥ 18000					50.0	50.0	50.0	50.0	\$E.G	50.C	50.0	100.0	100.0	100.0	100.0	100.0
≥ 16000			! 	1	50.0	50.0	50.0	50.d	50.C	50.0	50.0	100.0	100.0	100.0	100.0	100.0
≥ 14000					57.0	50.0	50.0	50.0	53.0	50.0	50.D	180.0	100.0	100.0	100.0	100.0
≥ 12000			<u> </u>	: <u>L</u>	<u>j 50.d</u>	<u>50.0</u>	50.0	50.d	59 • C	50.0	50.0	100.0	hoc.n	hoo.e	100.3	100.0
≥ 10000			!	1	50.Q	50 • Q	50.0	50.0	50.0	50.0	50.0	100.0	100.0	120.0	400.0	100.0
≥ 9000			<u>i</u>	<u>i</u>	<u>, 50.d</u>	50.D	50.0	50 • C	30.C	50.0	50.0	100.3	100.0	<u>130.0</u>	<u>h ac. a</u>	100.0
≥ 8000					50.0	50.0	50.0	50.0	50.0	50.0	50.3	100.0	100.0	100.0	100.0	100.0
≥ 7000			!	<u> </u>	<u>; 50.d</u>	50.0	50.0	50.d	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0
≥ 6000				1	50.0	50.0	50.0	50.D	50.0	50.0	50.0	100.0	160.0	100.0	100.0	100.6
≥ 5000			t :	<u>i</u>	52.d	50.0	50.0	_50. q	50.C	50.0	50.0	100.0	100.0	100.0	<u> </u>	100.0
≥ 4500			1	-	50.0	50.0	50.0	50.d	50 · C	50.C	50.D	100.0	100.0	100.0	teo.o	205.0
≥ 4000			i		50.0	53.0	50.0	50.Q	50.0	_50.C	50.0	100.0	130.3	100.0	100.0	100.0
≥ 3500			[		50.0	50.0	50.0	50. Q	50.0	50.0	50.C	100.0	100.0	100.0	100.0	100.0
≥ 3000	l 	L		L	50.6	50.0	50.0	50.0	50.D	_50.0	50 <u>.</u> 0	100.0	100.0	<u> 106.3</u>	<u> 200.0</u>	100.0
≥ 2500					50.Q	50.0	-G.0	50.0	50 . C	50.0	50.0	100.0	100.0	100.0	100.0	100.0
≥ 2000			<u> </u>	<u> </u>	Ec.d	50.0	50.0	50.0	30.0	50.0	50.0	100.0	100.0	hco.c	<u>h co.o</u>	100.0
≥ 1800	i		1	1	50.0	50.0	50.0	50.0	50.C	50.0	50.0	100.0	100.0	100.0	100.0	100.0
≥ 1500				<u>L</u>	55.0	_50.d	50.0	50.0	50.0	50.0	50.0	100.0	100.0	h 00.0	100.0	100.0
≥ 1200			1	1	50.0	50.0	50.0	50.0	50.0	50.C	50.0	190.0	100.0	100.0	0.00	100.0
≥ 1000			<u> </u>	<u> </u>	50.0	50.0	50.0	Sc.d	50.C	50.0	50.0	100.0	100.0	100.0	200.0	100.0
≥ 900				[	59.0	50.0	50.0	50.D	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0
≥ 800			İ		50.d	50.0	50.0	50.0	50 • C	50.0	50.0	100.0	100.0	100.0	100.0	100.0
≥ 700				Τ	50.0	50.0	50 . C	50.0	50.0	50.0	50.0	100.0	130.0	100.0	100.0	100.0
≥ 600			l	]	50.d	50.0	50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0
≥ 50C				1	50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	130.9	100.0
≥ 400		_	! _	1	\$0.d	50.g	50.0	50.0	50.G	50.C	50.0	100.0	100.0	100.0	100.9	100.0
≥ 300				T	50.0	55.0	50.0	50.0	50.0	50.0	50.0	100.3	100.0	100.0	120.0	100.0
≥ 300					50.d	50.0	59.0	50.0	50.C	50.0	50.0	100.0	130.0	100.0	100.0	100.0
≥ 100			T	1	30.Q	50.0	50.0	50.0	50.0	50.0	50.0	100.0	100.0	170.0	100.0	100.0
≥ 100 ≥ 0				1	50.0	50.0	50.0	50.0	50.0	50.C	50.B	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC AAM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CATA PROCESSING BRANCH USAF ETAC AIR *EATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

22578

AHEELER AFE HI

63,73,76

445

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2320-2500

CERING							<b>√15</b>	iBit:TY ST	LTUTE MIL	ES						:
	≥10	≥6	≥ 5	≥4	≥3	≥2 7	≥?	217	≥1.	≥1	≥ ;₄	≥ ⊱•	; <u>≵</u> ;	≥5 16	≥ .	≥0
NO CEILING ; ≥ 20000	50.0 50.0	!			- 1	- ;	50.0 50.0	50.0		50.0 50.0			50.0 50.0	50.0 50.0	- 1	50.0 50.0
≥ 18000	50.9 53.0	50.0 50.0	50.0		50.0 50.0						i .		,	50.0 50.0		50.0 50.0
≥ 14000 ≥ 12000	50.0 30.0	50.0		50.0 50.0						50.0 50.0		50.0 50.0		50.9 50.3		50.0 50.0
≥ 10000 ≥ 9000	50.0	50.0 50.0						1	50.0 50.0	1			50.0 50.0		:	50.0 50.0
≥ 9090 ≥ 7090	50.0	50.0 10.0				50.0 50.0								50.0 50.0		50.0 50.0
≥ 6000 ≥ 5000	50.0 :0.0	50.0		50.0 50.0										50.0 50.0		50.0 50.0
≥ 4500 ≥ 4000	50.0 50.0			50.0 50.0			50.0 50.0			i 1		-		50.0 50.0		50.C 50.G
≥ 3500 ≥ 3006	50.0 50.0			50.0 50.0			50.0		50.0 50.0		50.0 50.0	50.0 50.0		50.0 50.0		50.0 50.0
≥ 2500 ≥ 2000	50.0 50.0	1		75.0 75.0			75.0 75.0	75.0 75.3	75.C 75.C	75.0 75.0	75.0 75.0			75.0 75.0		75.0 75.0
≥ 1800 ≥ 1500	50.0	75.0	75.0	75.0	75.0	1	75.0 75.0		75.G	75.0	75.0	75.D	75.0	:		75.0 75.0
≥ 1200 ≥ 000	50.0	75.0	75.0	75.0	75.0	75.0	75.0 75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 900 ≥ 800		100.0	103.3	130.0	100.0	133.0		198.0	100.C	100.0	100.0	100.0	100.0	100.0	20.9	100.0
≥ 70C ≥ 600	75.0	193.0	190.0	190.0	100.0	100.0 100.5	100.0	150.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	75.0	130.3	100.0		190.0	100.0 190.0	100.C	100.0	196.0	190.0	100.0	100.0	100.0	100.9	133.0	100.0
≥ 300 ≥ 300	75.0	130.0	103.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.3	100.0	100.0	100.0	160.0	100.0
≥ 150 ≥ 5						100.0 100.0										

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC AT 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

PATA PHROESING BHANCH USAF STAC ASSINABATHER SERVICENMAC

### CEILING VERSUS VISIBILITY

22:0a _ .FEEL

63-70,73-79

475

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3630-0606

CEILING							ViSi	BILITY STA	TUTE MAR	:5						•
FEET	≥iC	≥6	≥5 :	≥-	≥3 '	≥2:	≥ 2	≥1:	21.	≱.	≥ %	≥ 1,	≥ :	≥5 16	≥.	≥0 .
NO CEILING ≥ 20000	49.4 52.1	49.8 52.6	49.ã 52.6	49.8 52.6	49.8 52.8	47.5 52.6	49.3 52.5	49. % 52.6	ຈາ. ະ 52 • 5	49.8 52.6	49.8' 52.6	49.6 52.6			49.8 52.5	
≥ 18000 ≥ 15000	=2.4 =2.4	52.9 52.9	52.9 52.9	52.9 52.9	52.9 52.7	=2.9 52.9	52.9 52.9	52.9 52.9	52.9 52.9	52.9 52.9	52.5 52.5	52.9 52.9		52.9 52.9	52.9 52.9	52.9. 52.9.
≥ 14000 ≥ 12000	:3.1 :4.4	53.5 54.9	53.5 54.9	53.5 54.9	53.5 54.9	53.5 54.9	53.5 54.9	53.5 54.9	53.5 54.9	53.5 54,9	53.5 54.9	53.5 54.9			53.5 54.9	53.5 54.9
≥ 10000 ≥ %0C	:5.1 :56.2	55.4 56.8	55.5 55.5	55.6 56.3	55.6 55.8	55.5 56.8	55.6 56.8	55.5 56.8	55.6 56.8	55.5 55.5	55.5 55.2	55.6 56.8	55.6 56.8	55.6 56.6	55.6 56.8	55.6' 56.5
≥ 8000 ≥ 7000	56.9 57.1	57.5 57.7	57.7.	57.5 57.7	57.5 57.7	57.5 57.7	57.5 57.7	57.5 57.7	57.5 57.7	57.5; 57.7;	57.5	57.5 57.7	57.5 57.7	57.5 57.7	57.5 57.7	57.5. 57.7
≥ 6000 ≥ 5000	57.8 58.4	55.5 59.2	58.8	58.9 59.5	58.8 59.5	58.8 59.5	58.8 59.5	58.5 59.5	58.8 59.5	58.8 59.5	58.8 59.5	58.8 59.5	58.6 59.5	58.8 59.5	59.5	59.5
≥ 4500 ≥ 4000	51.7	62.6 66.3	52.9 56.7	52.9	66.7	62.7 66.7	52.9 65.7	52.9 55.7	62.9 55.7	62.9 66.7	66.7	62.9 66.7	62.9 66.7	62.9 66.7	56.7	66.7
≥ 3500 ≥ 3000	69.2	70.5	71.3	71.0 75.5		71.1	71.1	71.1	71.1 75.6					71.1 75.5		76.6
≥ 2500 ≥ 2000	73 34.1	78.6 57.9	79.2 88.9	79.4 89.4		90.2	60.1 90.4	96.4	96.4	20 • 1 90 • 4		80.1 51.4	3.4		93.4	80 • 1; 90 • 4;
≥ 1800   ≥ 1500	55.5	92.9	91.0	91.5	<del></del>	92.5	96.7	96.7	92.8 96.7	92.8 95.8	92.8	92 96.E		96.8	96.5	96.8
≥ 1200 ≥ 1300	58.9 29.2	93.9	95.7 96.1	96.8		96.0	98.3	96.3	98.7	95.9		98.9	98.9	98.9		98.9
≥ 900 ≥ 800	59.3 29.4	94.4	96.4	96.9	98.5	98.5	98.9	98.9	98.9 99.1	99.2	99.0	99.2	29.2	99.2	99.2	99.2
≥ 700 ≥ 600	80.4 89.4	94.5	96.5	97.2	98.7	98.7	99.7	99.5	99.3	99.8	.4! ₹9.2	99.4	99.5	99.8	99.8	29.3
≥ 500 ≥ 400	89.4 89.5	94.5	96.6	97.3	98.7	93.9	99.3 59.4	99.5	99.5	99.9	99.9	99.9	99.9	99.8 99.5	99.9	99.9
≥ 300	89.5	94.7	95.5	97.3	98.9	98.9	99.4	99.7	99.7	99.9		99.9	99.9	99.9		190.5
≥ ¹00 ≥ 0	89.5 89.5	94.7	96.5	97.3 97.3	98.9	98.9 98.9	99.4	99.7	99•7 99•7	99.5	99.9				100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS...

579

USAF FTAC 4444 0-14-5 (OL A) PRIVOUS EDITIONS OF THIS FORM ARE CHISOLE

TITA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

22506 WHEELER AFB HI

68-70,73-79

MAP

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS 131

CEILING							VISI	BILITY (STA	ATUTE MIL	ES:						
-FEET-	≥10	≥.	≥5	≥ 4	≥3	≥2 7	≥2	≥12	≥1'4	≥1	≥ 14	≥ 3/8	≥ %	≥5 16	≥ .	≥0
NO CEIUNG ≥ 20000	42•4 45•9	43.J 45.6	43.5 46.5	43.0 46.6	43.0 46.6	43.0 46.6				i		43.0 46.6		43.3 46.6		
≥ 18000 ≥ 16000	45.5	47.0 7.1	47.0 47.1	47.0 47.1	47.0 47.1	47.0 47.1	47.G 47.1	47.0 47.1	47.0 47.1	47.0 47.1	47.1	47.0 47.1	47.0 47.1	47.0 47.1	47.0 47.1	47.0 47.1
≥ 140x 0 ≥ 1200)	47.4	48.6		48.1 48.6			48.1 48.6	48 • 1 48 • 6	48.1	48•1 48•6	48.1 48.6	48.1 48.6	48.1 48.6	48.1 48.6		48.1
≥ 10000 ≥ 9000	49.9	49.6		49.8		49.8		49.6	49.6 49.8	49.8	49.6 49.8	49.6 49.8	49.6	49.6 49.8	49.6 49.8	49.6
≥ 8000 ≥ 7000	50.1 50.3	50.8	50∙€ 51∙0	51.6 51.4	51.0	51.0			50.8 51.0	51.0	50.8 51.0	51.0		50.8 51.0	50.8 51.0	50.6 51.0
≥ 6000 ≥ 5000	51.6 52.6	52.6 53.9	52.5 53.9	52.0 54.0	54.C	54.0	54.0			54.0			54.0		52.6 54.0	
≥ 4500 ≥ 4000	56.5 62.7	58.1	58.1 64.0	28.2 64.1	54.1	64.1	58.2 64.1	58 • 2 64 • 1	58.2 64.1	64.1	58.2 64.1	64.1	64.1	58.2 64.1	58.2 64.1	58.2
≥ 3500 ≥ 3000	05.6 74.5	70.2 77.0	72.4 77.2	76.5 77.3	70.5	77.3			77.4	77.4		77.4	77.4	77.4		
≥ 2500 ≥ 2000	79.2 86.8		90.2	90.3	90.4	90.5	91.1	82.8 93	91.3	91.3	91.3	82.8 91.3	91.3	91.3	91.3	91.3
≥ 1800 ≥ 1500	58.2 28.9	91.2	94.1	92.5 94.5	95.3	95.5	96.3	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	
≥ 1200	89.8		95.6	96.1	77.1	97.3	98.5	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.3	
≥ 960 ≥ 800	90.2	94.0	96.0	96.6	97.5	97.7	78.9	99.1	99.1	99.5	99.5	99.5	99.5		99.5	99.5
≥ 700 ≥ 600	90.2	94.1	96.2	96.8	97.7	98.0	99.2	99.6	99.6	99.9		99.9	99.9	99.9	99.9	99.9
≥ 500 ≥ 400	90.2	3	96.2		97.7	98.1			09.7	100.0 100.0	100.0	100.0	100.0	00.0	100.0	100.0
≥ 300	90 4	· · · · · ·				98.1		99.7	99.7	100.0	100.0	100.0	100.0	100.3	200.0	100.0
≥ 100 ≥ 0	90.2	94 • 1 94 • 1		96.8 96.8				99.7 99.7		100.0 100.3						100.0

TOTAL NUMBER OF OBSERVATIONS...

939

USAF ETAC FORM 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

- CAID- PROCESSING BRANCH LSAF ETAC - AIT WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

22503

AHEELER AFB HI

68-70,73-79

MAR

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1230-1480 HOURS ((\$1

CEILING							VISI	BILITY (STA	ATUTE MILE	<b>:</b> \$)						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥2.2	≥2	≥1%	≥1%	≥1	≥ 1/4	≥ 3/8	≥ %	≥ 5/16	≥ .	≥0
NO CEILING ≥ 20000	39.4 42.9	36.4 43.1	38.4 43.1	38.4 43.1	38.4 43.1	36.4 43.1	38.4 43.1	38.4 43.1	35.4 43.1	35.4 43.1	38.4 43.1	38.4 43.1	38.4 43.1	38.4 43.1	38.4 43.1	38.4 43.1
≥ 18000 ≥ 16000	43.2	43.3 43.3	43.3 43.3	43.3	43.3 43.3	43.3	43.3 43.3	43.3	43.3	43.3	43.3 43.3	43.3	43.3 43.3	43.3		43.3
≥ 14000 ≥ 12000	44.9	44.2	44.2	44.2	44.2 45.1	44.2	44.2	44.2 45.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 10000	45.5 45.5	45.7	45.7	45.7	45.7	45.7	45.7 46.1	45.7	45.7		45.7	45.7 46.1	45.7	45.7 46.1	45.7 46.1	45.7 46.1
≥ 8000 ≥ 7000 ≥ 6000	46.8 47.3 49.1	47.0 47.5			47.0 47.5	47.0 47.5	47.5 47.5	47.5 47.5	47.0 47.5		47.0 47.5	47.0 47.5	47.5 47.5	47.5 47.5		47.0 47.5
≥ 5000 ≥ 5000	52.0 58.4	52.3 59.0	52.5	52.5	52.5		52.5 59.2	52.5	52.5		,		52.5	52.5	1	52.5
≥ 4000	64.2	64.8 7J.9	65.	65.0 71.3			65.D	65.0	65•C	65.0	65.3		65.0	65.D		65.0
≥ 3000	76.3	77.3	77.6	77.6	1	,	77.7		77.7	77.7	77.7	77.7	77.7	77.7	77.7 84.1	
≥ 2000 ≥ 1800	89.1 91.5	91.4			92.5 95.3	92.5	92.7 95.7					92.7 95.7				
≥ 1500	92.4	95.2 95.8	97.3	96•4 97•4	98.0	98.2	98.8	98 • 9	93.9	98.9	98.9		99.0	99.0	99.0	
≥ 900 ≥ 800	92.8	95.9	97.7	97.8	98,4	98.4	99.5	99.6	99.6	99.6	99.6		99.7	99.7	99.7	1
≥ 700 ≥ 600	93.0 93.0	96.1 96.1	98.0	97.8 98.1 98.1	98.4 98.6 98.6	98.7 98.9 98.9	99.5 99.7 99.7	99.8	99.8	99.8	99.8	99.8		99.9	99.9	
≥ 500 ≥ 400	93.0 93.0	96.1	98.0	98.1	98.6	98.9	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0
≥ 300 ≥ 200	93.0	96.1	98.0	98.1	98.6		99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	130.0
≥ ¹00 ≥ 0	93.0	96.1	98.0	98.1	98.6	98.9	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS...

929

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

EATA PROCESSING BRANCH USAF ETAC ALP MEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

20503

NEELER AFB HI

68-70,73-79

MAR MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							vis	BILITY (STA	ATUTE MIL	ES)						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2 2	≥ 2	≥177	≥1 4	≥1	≥ ¾	≥ '⁄a	≥ '5	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	41.3 45.6	41.4 45.7	41.4 45.7	41 • 4 45 • 7	41.4 45.7	41.4	41.4	41.4	41.4 45.7	41.4 45.7		41.4 45.7	41.4 45.7	41 • 4 45 • 7	41.4 45.7	41.4 45.7
≥ 18000 ≥ 16000	45.0 46.0	46.0 46.1	46.1	46.0 45.1	46.0 46.1	46.0 46.1	46.0 46.1	46.0 46.1	46.0 46.1	46.0 46.1	46.0 46.1	46.0 46.1	46.D 46.1	46.0 46.1	46.0 46.1	46.0
≥ 14000 ≥ 12000	45.3	46.4	46.4	46.4	46.4	45.4	46.4	46,4	46.4	46.5 47.8		46.5	47.8	45.5 47.8	46.5 47.8	46.5 47.8
≥ 10000 ≥ 9000	48.7	48.6 18.9		48.8 48.9	48.8	48.8	48.8	48.8	48.8		49.0	48.9 49.0	49.0	48.9 49.0		48.9
≥ 8000 ≥ 7000	49.4	49.5	49.7	49.5	49.5	49.5	49.5	49.5	49.5	49.8	49.8	49.6	49.8	49.6	49.6	49.6
≥ 6000 ≥ 5000	50 • 8 54 • 8	50.9 54.9	54.9	50 · 9		50.9 54.9	50.9 54.9		50.9 54.9	55.0	55.0		55.0	55.0	55.D	55.0
≥ 4500 ≥ 4000	51.2 68.0	68.4		61.6	68.4	61.6	51.6 68.4	68.4	68.4	61.7 68.5		61.7	68.5	68.5	61.7 68.5	61.7
≥ 3500 ≥ 3000	74.3 82.3	23.0	€3.0	74.6 83.0	74.6 83.0	74.6 83.1	74.6 83.1	83.1	83.1	74.7	83.2	74.7 83.2	63.2	83.2	74.7 83.2	83.2
≥ 2500 ≥ 2000	91.4	92.7	92.9		87.5 93.2		93.5	93.5	87.6 93.5	87.7 93.6	93.6	97.7 93.6	93.6		87.7 93.6	93.6
≥ 1800 ≥ 1500	93.5 95.5 95.7	95 • 2 97 • 5		95.5	98.3	96.0 98.8	96.0	99.0	99.0	99.1	96.1 99.1	96.1 99.1	96.1	96.1	96.1	99.1
≥ 1200 ≥ 1000 ≥ 900	95 • 7 95 • 7	97.8	98 - 1	98.2 98.2 98.2	98.6 98.6	99.2 99.2	99.5 99.5	99.5	.,,,	99.6	99.6	99.6 99.6	99.6	99.5	92.6 99.5	99.6
≥ 300 ≥ 700	95.8 95.8	98.0	98.3	98.4	98.8		99.7	99.7	99.7	99.8	99.8	99.8	99.8		99.8	99.8
≥ 600	95 • 8	98.0	98.4	98.6	99.0	99.7	99.9		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400 ≥ 300	95 · 8		98.4	98.6	99.0	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.8	98.0	98.4	98.6	99.0	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0
2 0	95.8		i	98.6	99.0	99.7	99.9		t I					100.0		

TOTAL NUMBER OF OBSERVATIONS_

929

USAF ETAC JUL64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EATA PROCESSING BRANCH ISAF ETAC AIR MEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

22508

WHE : R AFB HI

66-70,73-79

MAR

## PERCENTAGE FREGUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1830-2000

CEILING							VISI	BILITY (ST)	ATUTE MIL	ES)						
·FEET:	≥10	≥ه	≥5	≥4	≥3	≥2½	≥ 2	≥15	≥1%	≥1	≥ ¼	≥'•	≥%	≥5/16	≥ '₄	≥0
NO CEILING ≥ 20000	43.9 47.0	44.7	44.7	44.7	44.7	44.7 48.0	44.7	44.7 48.0	44.7 48.9	44.8 42.1	44.8 48.1	44.8 48.1	44.3 45.1	44.8 48.1	44.9 48.1	44.8
≥ 18000 ≥ 16000	47.3	48.2	48.2 48.2	48.2	48.2	48.2 46.2	- 7	48.Z	48.2 48.2	46.3 46.3	48.3 48.3	48.3 48.3	48.3 43.3	48.3 48.3	42.3 48.3	48.3
≥ 14000 ≥ 12000	45.1 49.0	49.9	49.0 49.0	49.0	49.0	49.0	49.0	49.0	49.0 49.9	49.1 50.0	49.1 50.0	49.1 50.0	49•1 50•0	49.1 50.0	49.1 50.0	49.1 50.0
≥ 10000 ≥ 9000	49.5	50.6 50.3	50.6 50.6	50.6 50.8	50.6 50.€	50.8	50.6 50.8	50.6 50.8	50.6 50.8	50.7 50.9	50.7 50.9	50.7 50.9	50.7 50.9	50.7 50.9	50.7 50.9	50.7 50.9
≥ 8000 ≥ 7000	50.7 50.8	51.7 51.8	51.7 51.5	51.7	51.7 51.8	51.7 51.8	51.7 51.8	51.7 51.8	51.7 51.8	51.8 51.9	51.8 51.9	51.8 51.9	51.9	51.8 51.9	51.8 51.9	51.9
≥ 6000 ≥ 5000	52.1 54.1	53.1 55.1	53.1 55.1	5 7	5.1 5.1	53.1 55.1	53.1 55.1	53•1 55•1	53.1 55.1	53.2 55.2	53.2 55.2	53.2 55.2	53.2 55.2	53.2 55.2	53.2 55.2	53.2 55.2
≥ 4500 ≥ 4000	59.3 63.6	65.2	60.9 65.2	6	61.0 35.3	61.0 65.3	65.3	61.0 65.3	61.0 65.3	61.1 65.5	61.1 65.5	61.1 65.5	61.1 65.5	61.1 65.5	65.5	61.1
≥ 3500 ≥ 3000	69.5 76.6	71.4	71.4	71.a 79.5	71.6 79.5	71.6 79.5	71.6	71.6 79.5	71.6 79.5	71.7 79.7	71 • 7 79 • 7	71.7 79.7	71.7 79.7	71.7 79.7	71.7 79.7	
≥ 2500 ≥ 2000	79.9 57.3	91.1	82.7 91.4	83.1 91.9	83.1 91.9	83.1 91.9	91.9	83.1 91.9	83.1 91.9		83.2 92.2	83.2 92.2	83.2 92.2	83.2 92.2	83.2 92.2	
≥ 1800 ≥ 1500	92.5	94.2	94.4 97.6		95.0 98.9	95.0 99.0		95.0 99.0	95.D 99.D			95.2 99.2	95.2 99.2	95.2 99.2		
≥ 1200 ≥ 1000	92.6 92.6	97.3	98.0 98.0	99.U	99.2	99.4	99.4	99.4	99.5 99.5		99.9		19.9	99.9 99.9	99.9 99.9	
≥ 900 ≥ 800	92.6	97.3 97.3	98.0 98.0	99.0	99.3	99.4	99.5	99.4	99.5		100.0		100.0			100.C
≥ 700 ≥ 600	92.6	97.3	98•0 98•0	99.0	99.3	99.5		99.5	99.7	99.9	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	92.6 92.6	97.3	9: • .	93.0	99.3	99.5	99.5	99.5 99.5	99.7	99.9	100.0	100.0	160.0	100.0	100.0	100.C
≥ 300	92.6 92.6	97.3	98 · ·		99.3	99.5	99.5	99.5	99.7	99.9	100.0	100.0	160.0	100.0	100.0	100.0
≥ 100 ≥ 0	92.6 92.6	97.3 97.3	98.0 98.0	1	99.3	99.5 99.5		99•5 99•5	99.7 99.7							100.0

TOTAL NUMBER OF OBSERVATIONS 8

USAF ETAC 101.04 0-14-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CATA PROCESSING BRANCH USFF ETAC AI- «EATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

20518

A TELER AFB HI

68-70,73-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							vis	BILITY (STA	ATUTE MILI	ES.	_					
-fEET	≥10	≥6	≥5	≥ 4	≥3	≥2 7	≥ 2	≥! 7	≥14	≥1	≥ 14	≥ >⁄4	≥ 5	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	47.2	49.7 51.6	49.7	49.7 51.6	49.7 51.6	49.7	49.7 51.6	49.7 51.6	49.7 51.6	49.7 51.6	49.7 51.6	49.7 51.6	49.7 51.6	49.7 51.6	49.7 51.6	49.7 51.6
≥ 18000 ≥ 16000	40.5	52.0 52.0	52.0 52.0	52.U 52.9	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0		52.0 52.0	52.0 52.0		52.0 52.0	52.0 52.0
≥ 14000 ≥ 12000	49.7 50.9	52•2 53•9	52.2 53.5	52.2 53.5	52.2 53.5	52.2 53.5	52.2 53.5	52.2 53.5	52.2 53.5	52.2 53.5	52.2 53.5	52.2 53.5	52 • 2 53 • 5	52.2 53.5	52 • 2 53 • 5	52.2 53.5
≥ 10000 ≥ 9000	51.2	53.7 54.7	53.7 54.7	53.7 54.7	53.7 54.7	53.7 54.7	53.7 54.7	53.7 54.7	53.7 54.7	53.7 54.7	53.7 54.7	53.7 54.7		53.7 54.7	53.7 54.7	
≥ 8000 ≥ 7000	53.9	56.4 56.6	56.4 56.6	56•4 56•6	56.4 56.6	56.4 56.6	56.4 56.6	56. 56.6	56.4 56.6	56.4 56.6	56.4 56.6	56.4 56.6	56.4 56.6	56.4 56.6	56.4 55.6	56.4 56.6
≥ 6000 ≥ 5000	54.1 54.5	56 • 5 57 • 2	56.8 57.2	56.8 57.2	56.8 57.2	56.8 57.2	56.8 57.2	56.£	56.8 57.2	56.8 57.2	56.8 57.2	56.8 57.2	56.8 57.2	56 • 8 57 • 2	56 • 8 57 • 2	56.8 57.2
≥ 4500 ≥ 4000	59.1	61.5	61.8 65.4	61.8 65.4	62.1 65.6	62.1 65.6		62.3 65.8	62.3 65.8	65.8	62.3 65.8	62.3 65.8	62.3 65.8	62.3 65.8	62.3 65.8	62.3 65.8
≥ 3500 ≥ 3000	56.5 71.5	70.2	73.5	70.6 76.9	70.9 77.4	70.9	70.9 77.4	71 • 1 77 • 6	71.1 77.6	71.1 77.6		71.1 77.6	71.1	71.1 77.6	71 • 1 77 • 6	71.1
≥ 2500 ≥ 2000	75.3 82.8	80•1 89•7	80.5 90.1	80.7 90.8	81.1 91.4	81.3 91.6	91.6	21.6 91.8	91.8		91.8	81.6 91.8			81.6 91.8	81.6 91.8
≥ 1800 ≥ 1500	54.3 88.1	91.4 96.0	91.8	92.5 97.5	93.1 98.1	93.3	78.3		98.5		98.5	98.5	98.5	98.5		98.5
≥ 1200 ≥ 1000	E . 8 8 E . 8 3	96•6 96•6	97.7 97.7	98•3 98•3	99.2	99.4	99.4		99.8		99.8	99.8	99.8	99.8		99.6
≥ 900 ≥ 800	28.5 68.5	96.6		98.3 98.3	99.2	99.6	99.6				99.8	99.8	99.8	99.8	99.8	
≥ 700 ≥ 600	58.5 88.5	96.6 96.6	97.7	98.3	99.2	99.6	99.8	100.0 100.0	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0
≥ 500 ≥ 400	88.5 88.5	96.6	97.7 57.7	98.3	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 30C ≥ 200	9.83 2.88	96.6	97.7	98•3 98•3	99.2 99.2	99.6	99.8	100.0	100.0	100.9	100.0	100.0	100.0	100.0	100.0	
≥ 100	88.5 88.5	96.6 96.6	97.7 97.7	98•3 98•3	99.2	99•6 99•6										100.0

TOTAL NUMBER OF OBSERVATIONS

47

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

ENTA PROCESSING EPANCH USAF ETAC AIR AEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

22538

AMEELER AFB HI

68-70,73-19

MAR

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS ILST

CEILING							VIS	BILITY (ST)	ATUTE MILE	ES,						
FEET.	≥10	≥6	≥5	≥4	≥3	≥2 7	≥ 2	≥17	≥1%	≥1	≥ 1/4	≥ >3	≥.,	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	43.4	44.0 47.5	44.0 47.5	44.0	44.0 47.5	44.0 47.5	44.0 47.5	44.0 47.5	44.C 47.5	44.0 47.6		44.0 47.6			44.J 47.6	
≥ 18000 ≥ 16000	47.2		47.€ 47.9	47.8	47.8 47.9	47.8 47.9	47.8 47.9	47.8 47.9	47.8 47.9	47.9 47.9		47.9 47.9		: :	47.9 47.9	47.9
≥ 14000 ≥ 12000	47.9	46.5 49.6	48.5	49.6		49.5	48.5	48.5 49.6	48.5			48.6 49.6	49.6	48.5		49.6
≥ 10000 ≥ 9000	49.6 53.1	50.8	50.8		50.3 50.8		50.3 50.8	$\overline{}$	50.8	50.8	50.8	50.4 50.9	50.9	50.9	50.9	50.9
≥ 8000 ≥ 7000	51.3	51.9	51.9	51.7	51.7 51.9		51.7 51.9	51.7	51.7 51.9	51.7 52.0	51.7 52.0	51.8 52.0	52.0	52.0	52.0	52.0
≥ 6000 ≥ 5000	54.4	53.2 55.2	53.2 55.3	53.2 55.3	53.3 55.3	53.3 55.3	53.3 55.3	53.3 55.3	53.3 55.3	53.3 55.4	53.3 55.4	53.3 55.4	55.4	55.4	55.4	55.4
≥ 4500 ≥ 4000	59.4 54.5	65.7 71.4	60.5 65.8	60.6 65.8	60.7 65.8		60.7 65.8 71.7		60.7 65.9	65.9	65.9	63.8 65.9	65.9	65.9	65.9	65.9
≥ 3500 ≥ 3000 ≥ 2500	76.2	78•2 82•5		71.7 78.6 83.0	71.7 78.6 83.1	71.7 78.7 83.2	78.7	71.8 78.7 83.4	71 • 8 78 • 7	71.8 78.8 83.4		78.8	78.8	71.8 78.8 83.4	71.8 78.8 83.4	1
≥ 2500 ≥ 2000 ≥ 1800	87.2 89.2	90.5	91.0	91.3	91.6		91.9 94.5	91.9 94.5	91.9	92.0 94.6	83.4 92.0 94.6	83.4 92.0 94.6	92.0	92.D		92.0
≥ 1500	91.1	95.0 95.7	96.1	96.6	97.2				97.8				98.0	1		1 1
≥ 1000	91.7	95.5 95.5	97.0	97.5	98.4	98.6 98.7		99.1	99.3	99.3			99.4	99.4	99.4	39.4
≥ 800 ≥ 700	91.8	96.0	97.3 97.4	97.8	98.6	- 1	99.3	99.4	99.4	99.6	99.6	_	99.6	99.6		99.6
≥ 600	91.8	96.0	97.4	97.9	98.7	99.0		99.7	99.7	99.9		99.9	99.9	99.9	99.9	99.9 100.0
≥ 400 ≥ 300	91.8	96.0	97.4 97.4			9.0		99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	91.5	96.0	97.4		98.7	99.0	99.6	99.7		99.9	99.9	100.0	100.0	100.0	100.0	100.C
≥ 100	91.8	96.5		97.9									1			100.0

TOTAL NUMBER OF OBSERVATIONS

5030

USAF ETAC JULIA 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE OBSOLET

DATA PROCESSING BRANCH USAF ETAC AI: »FATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

22535 AMERLER AFB HI

78

APR

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							<b>/15</b>	IBILITY 'ST	ATUTE MILE	ES:						
FEET	≥10	≥ 5	≥ 5	≥ 4	≥3	≥2 7	≥ 2	≥17	21.	≥1	<u>≥</u> ¼	≥'•	≥ %	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	50.0	50.0 50.0	1 -1	50.0 50.0	· · · · · ·					50.0 50.0	1		50.0 50.0	50.0	50.0 50.0	
≥ 18000 ≥ 16000	±0.0 50.0	50 • 0		50.0 50.0					T T T T	50.0 50.0						1 1
≥ 14000 ≥ 12000	50.0 50.0	50.0 50.0	1 "	50.0 50.0	50.0			50.0 50.0	1	50.0 50.0	1 :	50.0 50.0	1	50.0 50.0	50.0 50.0	1
≥ 10000 ≥ 9000	50.0 50.0	50.0	50.0	50.0 50.0		50.0	50.0			50.0 50.0	50.0	50.0		50.0 50.0	50.0 50.0	1 1
≥ 8000 ≥ 7000	50.0	50.0	50.0	50 • 0 50 • 0				50.0 50.0		50,0 50.0	ŧ .		1			50.0 50.0
≥ 6000 ≥ 5000	50.0 50.0	50.0 50.0	50.0	50.0 50.0	50.0	50.0	50.0		50.0	50.0 50.0		50.0 50.0		50.0 50.0		1
≥ 4500 ≥ 4000	50.0 50.0	50.0 50.0	50.0	50.0 50.0	50.0			50.0 50.0		50.0 50.0			1	50.0		
≥ 3500 ≥ 3000	20.0 13 <b>0.</b> 0	50.0 100.0	1	50.0	100.0	100.0		100.0	100.0		100.0	100.0	160.5	100.0	120.0	106.0
≥ 2500 ≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	130.0	100.0	10.0	100.0
≥ 1860 ≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	160.0	100.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0	100.5	1000	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	100.0	100.0	100.0	100.0	100.8	100.0	100.0	100.0	100.0	100.0	130.C	100.0	100.0	100.0	170.0	100.0
≥ 700 ≥ 600	100.0	100.0	100.0	190.0	100.0	100.0	150.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	105.0
≥ 500 ≥ 400	100.0	100.0	100.0	100.0	130.0	100.0	190.0	100.0	100.0	100.0	100.0	100,0	160.0	100.0	100.0	100.0
≥ 300 ≥ 200	150.0	100.0	100.0	100.0	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	102.0	100.0	103.9	130.5
≥ 00 ≥ 0			100.0													100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC ALSA 0-14-5 (OL A) MEVIOUS EDITION OF THIS FORM AND ORSOLETI

CATA PROCESSING 39ANCH CSAF ETAC 417 ABATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

27578 AMEE

AMEELER AFS HI

75,78

APR

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

5333-0500

CEILING							V ₁ S	IBILITY 'ST	ATUTE MIL	ES.						
FEET	≥10	≥6	≥5	≥4	≥3	≥2 7	≥2	≥1 ^	≥1.	≥1	≥ ¼	≥ 2/9	≥ 5	≥5 16	≥.	≥0
NO CEILING ≥ 20000	55.6 55.6	55.6 55.6	55.6		55.6	55.6	55.6	55.6	55.6	55.6	55.6		55.6	55•6 55•6		
≥ 18000 ≥ 16000	55.6 55.6	55.6 55.6	55.6 55.6	55.6 55.6	55.6 55.6				55.6 55.6	1	55.6 55.6	55.6 55.6		55.6 55.6		
≥ 14000 ≥ 12900	55.6 55.6	55.6 55.6	7						55.6 55.6	1 -	55.6 55.6		55.6 55.6	55.6 55.6		55.6 55.6
≥ 10000 ≥ 9000	55.6 55.6	55.6 55.6	55.5 55.6								55.6 55.6		55.6 55.6	55.6 55.6		55.6 55.6
≥ 8000 ≥ 7000	55.6 55.6	55.6 55.6	55.6 55.6	55 • 6				, ,	55.6 55.6		55.6 55.6	55.6 55.6		55.6 55.6		55.6 55.6
≥ 6000 ≥ 5000	5.6 06.7	55.6 66.	55.6	55.6 66.7	55.6 66.7	55.6 66.7			55.6 56.7	55.6 66.7	55.6 66.7	55.6 66.7		55.6 66.7		1 1
≥ 4500 ≥ 4000	8.83 8.83	88.9 100.6	1	88.9 100.0					88.9 120.0		98.9 100.0	86.9 100.3		88.9 100.0	88.9 100.0	88.9
≥ 3500 ≥ 3000			100.0								100.0 100.0					,
≥ 2500 ≥ 2000			100.0													
≥ 1800 ≥ 1500			100.0		1 1	'			-							
≥ 1200 ≥ 1000	. 1		100.3													1
≥ 900 ≥			100.0									,				
≥ 700 ≥ 600			100.0		!											
≥ 500 ≥ 400			100.0		1 1				,	•						1
≥ 300 ≥ 300	. 1		100.0		1 1				•	1						
≥ 100 ≥ 6	38.9	100.0	100.0	100.0	100.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0

TOTAL NUMBER OF OBSERVATIONS

LISAE FTAC BUT OF 14-5 (OL A) PREVIOUS EDUCAS OF THIS SORM ARE DISCUSS

CATE PROCESSING BRANCH ESAF STAC 414 WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

225.00

*HEELER AFE HI

66-70,73-79

APP

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600

CEILING							ViSi	BILITY STA	TUTE MILI	ES						
FEE:	≥10	≥6	≥ 5	≥4	≥ 3	≥2 つ	≥?	217	≥1.	≥1	يڈ ≤	و, ≷	≥.	≥ 5 16	≥.	≥0
NO CEILING	46.1 58.1	46.5 50.4	50.4	50.4	50.4	46.5 50.4		46.5 5G.4	46.5 53.4			46.5 50.4		46.5 50.4	46.5 50.4	46.5 50.4
≥ 18000 C200at ≤	50.1 50.4		50.4 50.8		,	50.4 50.8		50.4 50.8	50.4 50.8	50.8	50.4 50.8		50.4 50.8	50•4 50•8	50.4 50.8	50.4 50.8
≥ 14000 ≥ 12000	52.5	-		52.9		52.9 52.9	52.9	52.9	52.0 52.9	52.9	52.9		52.9	52.0 52.9	52.0 52.9	52.9
≥ 10000	53.9	54-7	54.3 54.7	54.7	54.7	54.3	54.7	54.7	54.3 54.7	54.7	54.7	54.3 54.7	54.7	54.3 54.7	54.3 54.7	54.3 54.7
≥ 8000 ≥ 7000	54.4 55.0	54.7 55.3	54.7 55.3	54 • 7 55 • 3	55.3	54.7 55.3	55.3	54.7 55.3	54.7 55.3	55.3	55.3	54.7 55.3	54.7 55.3	54.7 55.3	54.7 55.3	54.7 55.3
≥ 6000 ≥ 5000	55.4 56.3	56.8	55.5	55.8 56.8	56.8	55.8 56.8	56.8	8.25	55.8 56.8		56.8	55.8 56.8	56.8	55.8 56.6	55.8 56.8	55.8 50.8
≥ 4500 ≥ 4000	59.8 65.7	56.7	60.5 66.7	60.5 66.7	65.7	60.5 56.7	50.5 56.7	60.5	60.5 56.7	66.7	66.7	60.5 66.7	60.5 66.7	50.5 56.7	60.5 66.7	60.5
≥ 3500 ≥ 3006	59.6 72.8	74.4	71.0	71 • 1 74 • 5		71.1 74.5	71 • 1 74 • 6	71.1	71.1 74.6			71.1	71 • 1 74 • 5	71.1 74.6	71.1 74.6	
≥ 2500 ≥ 2000	75.7 65.9				£9.9	78.1 90.1	78.0	78.0 90.4	78.0 90.4	90.4	90.4	78.0 90.4	90.4	90.4		90.4
≥ 1800 ≥ 500	8°.0	94.7	92.7 96.0	96.6	96.8	93.5 97.0	93.8	93.9	93.9 97.4	97.4	97.4	93.9 97.4	93.9 97.4	93.9 97.4	97.4	93.9
≥ 1200 ≥ 1000	92.0	95.9 95.9	97.5 97.5	98.1	98.4	98.7	99.3	99.2	99•2 99•2	99.2	99.2	99.2 99.2	99.2	99.2	99.2	99.2
≥ 900 ≥ 800	92.1 92.1	95.5 96.5	97.5 97.7	98.3	98.4	98.7	99.3	99.4	99.2 99.4	99.2		99.2 99.4	99.2 99.4	99.2	99.2 99.4	99.2
≥ 700 ≥ 600	92.1 92.2	96.2	97.7	98.4	98.7	98.9	99.4	99.4	99.4	99.5		99.4	99.4		99.4	
≥ 500 ≥ 400	92.3 92.3	96.3	98.0	98.5	98.9	99.3	99.6	99.8	99.8	99.8	99.8		99.8			99.8
≥ 300 ≥ 200	92.3 92.3	96.3 96.3	98.0 98.0			99.3	99.6	99.8		100.0	99.9 100.0	100.0	100.0		100.0	
≥ 100 ≥ 0	92.3 92.3	96•3 96•3	98.0 98.0	98.6 98.6	98.9 93.9	99.3	99.6	99.8	1		100.6 100.0					

TOTAL NUMBER OF OBSERVATIONS

83

USAF ETAC AT 44 0-14-5 (OL A) MEYOUS EDITIONS OF THIS FORM AND CASCULT

GATA PACCESSING BRANCH LIST FIAC ATH AEATHIP SERVICE/MAC

#### CEILING VERSUS VISIBILITY

22508

AMEELER FFB 41

68-73,73-79

APR

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

C/CD-1100

CEILING							VISI	BILITY STA	ATUTE MIL	ES						
·fEET	≥10	≥±	≥5	≥4	≥ 3	≥2;	≥ 2	≥1,	≥1 4	≥1	≩ ₁ *	≥ ⅓,	>,-	≥5 16	≥.	≥0
NO CEILING ≥ 20000	35.5 44.6	39.5	39.5 44.7	39.5 44.7	39.5 44.7	39.5		39. 44.9	39.6 44.9	39.6 44.9	39.6 44.9	39.6 44.9			39.5 44.9	39.6
≥ 18000 ≥ 16000	44.5	45.5	44.7	44.7 45.0	44.7	44.7	45.1	44.9	44.9 45.1	44.9	44.9	44.9 45.1		44.9 45.1	44.9 45.1	44.9
≥ 14000 ≥ 12000	45.2 45.0	45.3 46.2	45.3	45.3 46.2	45.3	45.3	45.4	45.4 46.3	45.4 46.3	45.4	45.4 46.3	45.4 46.3	45.4 46.3	45.4 46.3	45.4 46.3	45.4
≥ 10000 ≥ 9000	47.1	47.5	47.5	47.5	47.3	47.3	47.4	47.4	47.4 47.7	47.4	47.4	47.4 47.7	47.4 47.7	47.4 47.7	47.4 47.7	47.4
≥ 9000 ≥ 7000	48.4	48.9			48.9	45.4	46.5 49.0	48.5	48.5 49.0	48.5 49.0	48.5 49.0	48.5				48.5 49.0
≥ 6000 ≥ 5000	51.8	49.6 52.3	49.5 52.3	49.6 52.3	49.6 52.3	49.6 52.3	49.7 52.5		49.7 52.5	49.7 52.5	49.7 52.5	49.7 52.5	49.7 52.5	49.7 52.5	49.7 52.5	49.7 52.5
≥ 4500 ≥ 4000	57.9	58.6 65.8	58.6	65.9	53.6	58.6	58.7	58.7 66.0	58.7 66.0	58.7 66.0	58.7 66.0	58.7 66.0				58.7 66.0
≥ 35C0 ≥ 300C	73.5	71.0 75.1	71.1 75.5	71.3	71.4 75.8	71.4 75.5	71.5 76.0	71.5 76.0	?1.5 76.0	71.5 76.0	71.5 76.3	71.5 76.0	76.0			71.5 76.C
≥ 2500 ≥ 2000	77.4 85.1	88.5	89.1	80.1	80.5 90.2		80.6 95.8	8C•6	80.6 90.8			80.6 90.8	90.8	80.6 90.8		90.8
≥ 1800	89.9	91.9	92.5	92.8	93.7	95.4	94.6	94.6	94.6		97.3	94.6 97.3	97.3		97.3	94.6
≥ 1200 ≥ 1000	90.8 90.9	95.7 96.0	96.6		98.1	98.4	99.1 99.3	99•1 99•3	99.1 99.3	99.4	99.1 99.4	99.1 99.4			99.4	99.1
≥ 900 ≥ 800	91.3	96.3 96.3	96.6 97.0	97.5 97.5	96.3	98.4	99.3	99.3	99.3	99.8	99.8	99.4 59.8			99.8	99.4
≥ 700 ≥ 600 ≥ 500	91.3	96.3	97.0 97.0	97.5	98.7	98.0	99.7	99.7	99.7	99.8	99.8 99.8	99.8	99.9	99.9	99.9	
≥ 400	91.3	95.3	97.0 97.0	97.5	98.7	98.8 95.8	99.7	99.7	99.7	99.8	99.8		100.0		99.9 100.0	
≥ 300	91.3	96.3	97.0	]	98.7	98.8 98.8	99.7	99.7	99.7		99.8	99.8	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	91.3	96.3	97.0	. • 4	98.7	98•8 98•8	99.7	99.7	99.7 99.7	99.8 99.8	99.8				100.0	

TOTAL NUMBER OF OBSERVATIONS

894

USAF ETAC ALL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLE

CATE PROCESSING BRANCH USAF ETAC ALE AZATHEP SEPVICE/MAC

#### CEILING VERSUS VISIBILITY

22535

1

WHEELER AFB HI

68-70,73-79

APP

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CERING ,							VISI	BILITY STA	TUTE MIL	ES						]
1 FEET ;	≥10	≥6	≥ 5	≥4	≥3	22:	≥2	≥12	<b>₹1</b> .	≥1	≥ '₄	≥ >₃	≥ ;	≥ 5 16	2.	≥0
NO CERING ≥ 20000	35.8 39.5	35.3 39.5			35.8 39.5	35.6 39.5	35.8 39.5	35 • 8 39 • 5	35.8 39.5	35.8 39.5		35,8 39.5	,	35.6 39.5		
≥ 18000 ≥ 16000 ;	40.4	45.1			43.1	47.4	40.1	40.1 40.4	40.1 40.4	40.1	40.1 40.4	40.1 40.4		40.1 40.4	40.1 40.4	1
≥ 14000 ≥ 12000 j	42.7	41.7	41.3	42.7	41.0	41.G 42.7	41.5 42.7	41.0 42.7	41.0 42.7	41.0 42.7	41.G 42.7	41.5 42.7	42.7	42.7	42.7	41.0 42.7
≥ 10000 ≤	44.1	43.7	43.7	43.7 44.1	43.7	43.7	43.7	43.7	43.7 40.1	43.7	43.7 44.1	43.7 44.1	43.7	43.7 44.1	43.7 44.1	44.1
≥ 8000 ≥ 7000	44.4	44.9	44.9	44.9	45.1	44.9	44.9	44.9 45.1	44.9 45.1	44.9 45.1	45.1	44.9	44.9 45.1	45.1	44.9 45.1	44.9
≥ 5000 ≥ 5000	46.9	47.1	47.1		47.1	47.1	47.1	47.1	47.1 49.9	47.1 49.5	47.1 49.9	47.1	47.1 49.9	47.1	47.1 49.9	47.1
≥ 4560 ≥ 4000	55.9 62.3	56.7 63.4	56.7 63.4	56.7 63.4	56.7 63.4	56.7 63.4	56.7 63.4	56.7 63.4	56.7 53.4	56.7 63.4	56.7 63.4	56.7 63.4	56.7 63.4	56.7 63.4		63.4
≥ 3500 ≥ 3000	73.1	69.9 74.9	74.9	70.1 75.1	70.1	7C.1 75.1	70.1 75.1	70 • 1 75 • 1	70.1 75.1	70.1 75.1	70 • 1 75 • 1	70.1 75.1	70.1 75.1	70.1 75.1	70.1 75.1	75.1
≥ 2500 ≥ 2000	79.2 59.0	92.5	93.5	93.8	94.0	94.3	82.0 94.6	82.0 94.6	32.5 94.6	82.0 94.6	82,0 94.6	82.0 94.6	94.6	94.6	94.6	94.6
≥ 1800 ≥ 1500	92.2	95,9	97.5	96.0	98.5	97.3	99.4	99.4	97.8	99.4	97.8 99.4	97.8	97.8	97.8 99.4	97.8 99.4	97.8
≥ 1000	93.3	97.3	97.9		98.8	99.1	99.7	99.7	99.7	99.7		99.7 99.8		99.7	99.8	99.7
≥ 900 ≥ 800	93.3	97.3 97.3		98.2	98.8	99.1	99.7	99.7	99.7		99.8	99.8	99.8	99.6		
≥ 700 ≥ 600	93.3	97.3	97.9	98.3	99.0	99.3	99.7	99.9			100.0	100.0	100.0	100.0	160.0	
≥ 500 ≥ 400	93.3 93.3	97.3	97.9	98.3	99.0	99.3	99.9	99.9	99.9	100.0	100.0 100.0	100.0	100.0		100.9	100.0
≥ 300 ≥ 200	93.3	97.3	97.9	98-3	99.0 99.0	99.3	99.9	99.9	99.9	100.0	100.0 100.0	100.0	160.6	100.0	100.0	100.0
≥ 100 ≥ 0	73.3 93.3	97.3 97.3	97.9 97.9	98•3 98•3	99.0 99.0	99.3	99.9	99.9			100.0 100.0					

TOTAL NUMBER OF OBSERVATIONS.

893

USAF ETAC KEEL 0-14-5 (GL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLE

ENTA PAGCESSINE BRANCH USAF ETAC AIT BEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

221.23

AMEELER AFE HI

63-70,73-79

£53

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VISI	BILITY STA	ATUTE MIL	ES						and the same
, <u>.</u>	≥10	≥6	≥ 5	≥4	≥3	22 7	22	≥';	≥1.	≥;	≥ :₄	د, ≷	≥ :	≥5 16	≥.	≥0
NO CEILING ≥ 20000	3°.6	39.8 43.4	39.6 43.4		30.6 43.4	39.6 43.4	39.5 43.4	-1		39.6 43.4	39.6 43.4		39.5 43.4			
≥ 18000 ≥ 16000	-3.4 -4.1	43.4	43.4	44.1	44.1	43.4	43.4	43.4 44.1	43.4	43.4 44.1	43.4	43.4	43.4 44.1		43.4 44.1	43.4
≥ 14000 ≥ 12000	45.4 45.8	45.4	46.9	46.6		45.4 46.8	46.8	45.4 46.9	45.4	45.4 46.8	45.4 46.8	45.4 45.2	45.4 46.8	45.4 46.8	45.4 46.3	46.6
≥ 10000 ≥ 9000	47.9	47.5	47.5	47.9	47.9	47.5	47.9	47.9	47.0		47.5 47.9	47.5 47.9		47.9	47.5 47.9	47.9
≥ 8000 ≥ 7000	16.1	49.2	49.2	49.1 49.2	49.1	49.1		49.1 49.2	49.1	49•1 49•2	49.1			49.1 49.2	49.1 49.2	49.2
≥ 6000 ≥ 5000	50•1 52•9	50.1 52.9	53.1	50.1 53.0	53.0	50.1 53.0	50.1 53.0		50.1 53.0		50.1 53.0	50 • 1 53 • 0	53.0	53.0		53.5
≥ 4500 ≥ 4000	52.8 64.3	59.1 65.1	59.2 65.2	65.2	65.2	59.2 65.2	65.2			59•2 65•2	59.2 65.2			65.2		65.2
≥ 3500 ≥ 3000	59.4 76.5	59.8 77.2	77.5	69.9 77.5	59.9 77.6	69.9 77.6			69.9 77.6		69.°	77.6	77.6	77.6		77.6
≥ 2500 ≥ 2000	52.1 94.1	33.1 96.0	53.6 96.4	83.6 96.5	96.6	83.7 96.8	96.9		83.8 95.9	96.9	83.8 96.9	96.9	96.9	96.9	96.9	95.9
≥ 1800 ≥ 1500	95.5 95.5	97.1 95.2	97.5 99.1	97.7	$\overline{}$	97.9	98.0 99.7		98.0 99.7	99.7	98.0 99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200 ≥ 1000	95.6 95.6	98.3	99.2 99.2	99.3	99.6	99.7		99.8	99.8 99.8	99.9	,	99.9	99.9		99.9	99.9
≥ 900 ≥ 900	95.6 95.6	98.3	99•2 99•2	99.3	99.6	99.7 99.7		99.5 99.5	99.8 99.8	99.9	99.9		99.9	99.9	99.9	
≥ 700 ≥ 600	75.6 95.7	98.3	99.3	99.3	99.6	99.7	99.8 99.9	99.8		100.0		100.3	100.0	135.0	100.0	100.6
≥ 500 ≥ 490	75.7 95.7	98.4	99.3	99.4	99.7 99.7	99.8 99.8	99.9 99.9	99.9	99.9	190.0 190.0	100.0	100.0	100.0	100.0	100.0	100.5
≥ 300 ≥ 200	75.7 95.7	98.4	99.3	99.4	99•7 99•7	99.8	99.9	99.9	99.9	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.5
≥ 100 ≥ 0	95.7 95.7	98.4	99.3	99.4	99.7	99.8	99.9	99.9		100.0 105.0						

TOTAL NUMBER OF OBSERVATIONS,__

394

USAF ETAC ALLA 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE DESCUE

CATA PEOCESSING BRANCH

## CEILING VERSUS VISIBILITY

INSTALL WHEELER AFB HI

PIR REATHER SERVICE/MAC

65-70,/3-79

APP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1530-2000

CERING							ViS	BILITY ST	ATUTE MIL	ES.						
1 4861	≥10	≥6	≥5	≥ 4	≥3	≥2 ;	≥ 2	٠: ز≤	≥1.	≤:	≥ ½	≥ '•	≥ :	≥5 16	≥ .	≥0
NO CERING ≥ 20000	43.9	44.1		41.1	41.1		44.1	41.1 44.1	41.1 44.1	41.1 44.1	41.1 44.1	41.1 44.1	41.1	41.1 44.1	41.1 44.1	41.1
≥ 18000 ≥ 16000	-4.5 44.8	44.7 45.1	44.7 45.1	44 • 7: \$5 • 1:	44.7	45.1	44.7	44.7 45.1	45.1	44.7 45.1	44.7 45.1	44.7 45.1	1 .	44.7 45.1	44.7 45.1	, ,
≥ 14000 ≥ 12000	43.1	46.4		46.4	48.3	46.4	48.3	45.4	46.4	46.4 48.3	46.4 45.3	48.3	48.3	46.4	48.3	46.4
≥ 9000 ≤	40.3	49.2	49.5	45.8	49.8	49.2	49.2	49.3	49.2 49.8	49.2 49.8	49•2 49•8	49.8		49.2	49.2	49.8
≥ 8000 ≥ 7000	50.1	50.4	50.4 50.4	50.4 50.4	50.0	50.0 50.4	50.0 50.4	50.0 50.4	50.4	50.4	50.4	50.4	53.4	50.4	50.4	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
≥ 6000 ≥ 5000	52.4	51.J 52.7	51.J 52.7	51.0 52.7	51.D 52.7	51.0 52.7	51.0 52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 4500 ≥ 4000	56.5	57.3 63.4	57.3 63.5	57.3 63.5	57.3 63.5	57.3 63.5	63.5	53.5	63.5	63.5	63.5	53.5		53.5	63.5	53.5
2 3500 2 30%	57.J	56.6 77.ã	68.7 78.1	75.1	52.7 78.2			68.7 78.2		68.7 76.2		78.2	<del></del>	78.2	68•7 78•2	
≥ 2500 ≥ 2000	77.7 59.0	92.5	80.a 93.3	95.4 93.4	61.1 93.7		61.1 93.7	81.1 93.7	81.1 93.7	81.1 93.7	81.1 93.7	81.1 93.7	81.1 93.7		51.1 93.7	-
≥ 900	93.1	94.5	95.5 98.6	95.8	95.1 99.4	99.4	96.1 99.4	96.1 99.4	96.1 99.4	96.1 99.4	96.1 99.4	99.4		96.1 99.4	96.1 99.4	
≥ 1200	93.3 93.4	97.5 97.6	98.7	99.0 99.2	99.5	99.5		99.5 99.5	99.6	99.6	99.5	99.6	99.€		99.5	99.6
≥ 900 ≥ 800	93.7	98.5	99.2	99.5	102.0	100.0 100.0	100.9 100.9		130.0	100.0	100.0	188.8	100.0	150.0	130.0	
≥ 700	93.7	96.0	99.2		150.d	100.0			100.0	100.0 100.0	130.5	100.0	100.0	100.0	100.0	
≥ 500 ≥ 400	93.7 93.7	C.39 D.89	99.2		100.0		100.0 100.3	100.0		100.0	100.0		150.5	100.0	100.3	100.5
≥ 300 ≥ 200	93.7	98.0	99.2			100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	
≥ 00 ≥ 0	93.7 93.7	98.0	99.2	99.5		100.0 100.0		_	_							100.0

TOTAL NUMBER OF OBSERVATIONS,

83

USAF ETAC ARM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORDINE

SET A PROCESSING BRANCH USER ETAC ALT ASETHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

22:16 *MEELER AFB H)

68-73,73-79

APS

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2150-2300

CENNG							viši	BILITY STA	TJTE MILE	5						:
( FEE* ;	≥10	≥6	≥5	≥4 ′	≥3	≥2;	≥2	≥.,	≥'.	≥,	، منج ا	≥ '9	≥ -	≥5 16	≥.	≥0 '
>> 20000 ≥ 20000	47.7	43.9	44.1	44.1	,	44.1	44.1. 46.3		46.3		44.1	44.1			44.1	
≥ 18000 ≥ 16000	45.2		46.7	46.9	46.7	45.7 45.9	46.7	46.7	46.7		46.0		46.7		46.7	46.7
≥ 14000 ≥ 12000	46.5	47.8	45.J 49.6	45.0	45.5	48.3	48.3	48.D	49.6	48.0	45.6				48.0	48.0
0000' ≤	48.9		50.4	50.4 50.9	50.# 50.9	50.4	50.4	50.4	50.4 50.4	50.4		50.4	50.4		50.4	
≥ 8000 ≥ 7000	49.5	5C.9	51.1	51.1	51.1 51.1	51.1	51.1	51.1	51.1	51.1		51.1	51.1 51.1	51.1		51.1
≥ 5000 ≥ 5000	49.6	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1		51.1	51.1	51.1	51.1	51.1
≥ 4500 ≥ 4000	53.3 57.7	55.3	55.5	55.5	55.5 62.7	55.5	55.5	55.5	55.5 50.7	\$5.5 63.7	55.5	55.5	55.5	55.5	55.5	55.5 5û.7
≥ 3500 ≥ 3600	59.3	57.1	67.5	67.5	67.5 75.0	67.5 75.0	67 . s,	67.5 75.0	67.5			67.5	67.5	67.5	67.5	67.5
≥ 2500 ; ≥ 2000	72.1	78.3	79.2 91.7	79.2	79.2 92.5	79.2	72.2	79.Z 92.5	79.2	79.2	79.2	79.2 92.8	79.2	79.2	79.2	
≥ '85C ≥ 1500	55.6 28.8	93.6	94.7	95.4	95.6	95.5 99.6		95.8	95.3	95.8	95.ô	95∙€	95.8		95.8	95.6
≥ 1200 ≥ 1000	85.6		98.0	98.7	99.3	99.6	99.5	99.6	99.5	99.6	99.6	99.5	59.6		99.6	99.6
≥ 900 ≥ 800	56.3	96.5 95.5	98.5	99.1	99.8	100.0		100.d		100.0	100.0	100.0	120.0	130.0	100.0	100.0
≥ 700 ≥ 600	-8.8		98.3	99.1	99.8		100.0	160.0	100.0	100.6	100.0	100.0		100.0	190.0	100.0
≥ 500 ≥ 400	88.8		98.5	99.1	99.8	190.0	139.0	100.0	0.90	100.0	100.G	100.0	100.0	109.0		100.0
≥ 306 ≥ 200	86.68	96.5 96.5	98.5	99.1	99.8	100.0	100.0	100.0	co.q	100.0	100.0	100.0	100.0	100.9	100.0	160.0
≥ 0¢ ≥ 0	88.8	66.5	98.5	99.1 99.1	99.8	100.0	100.0		100.0	100.0	100.C	100.0	158.9	100.3	100.0	100.0

TOTAL NUMBER OF DESERVATIONS

455

USAF ETAC 404 0-14-5 (OL A) meyous sorrows of this folial alse descen

CATA PROCESSING BRANCH USAF ÉTAC AIR MEATHER SERV CEZMAC

### CEILING VERSUS VISIBILITY

455 WHEELER AFB HI 66-70,77 79

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS LST

CEILING							VIS	BILITY (STA	ATUTE MIL	£S:						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥22	≥ 2	≥1 %	≥1 4	≥1	≥ 3/4	≥ 3/9	≥ ':	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	40.6 44.3	40.8 44.6	40.5 44.6	40.8 44.6	40.8 44.0	±0.8 44.6		40.8 44.6	+0.6 44.6	45.8 44.6	40.8 44.6	40.8 44.6	40.8 44.6	40.8 44.6	40.5 44.6	40∙8 44•6
≥ 18000 ≥ 16000	44.5	44.8 45.2	44 • 8 45 • 2	44 • 8 45 • 2	44.8	44.8 45.2	1	44.8 45.2	44.8 45.2	44.6 45.2	44.8 45.2	44.8 45.2	44.8	44.8 45.2	44.8 45.7	44.5
≥ 14000 ≥ 12000	45.5 47.2	46.1	46.1 47.5	45.1 47.5	46.1 47.5	46.1 47.5	46.2 47.5	46 • 2 47 • 5	46.2 47.5		46.2 47.5	46.2 47.5	46.2 47.5	46.2	44.2	46.2 47.5
≥ 10000 ≥ 9000	48.2	45.5	48.9	48.5	48.5 48.9	46.5 42.9	49.0	48.5 49.0	48.5 49.0	49.0		48.5	48.5	48.5	ቀኔ • 5 49 • 3	48°5 49°D
≥ 8000 ≥ 7000	49.5	49.5 49.8	49.5	49.5	49.5	49.5	49.9	49.5	49.9	49.9	49.9	49.9		49.9	49.6	49.6
≥ 6000 ≥ 5000	52.4	50.7 52.9	50.7 52.7	50.7 52.9	50.7 52.9	50.7 52.9	52.9	50.7 52.9	50 • 7 52 • 9	50.7 52.9		50.7 52.9		52.9	50.7 52.9	50.7 52.9
≥ 4500 ≥ 4000	57.4 63.4	56.2 54.5	58.2 61.5	58.2 64.6	58.2 64.6	58.2 54.6	54.6	58.2 64.6	58.2 64.6	58.2 64.6	64.6	58.2 64.6	54.6	64.6	58.2 64.6	58 • 2 64 • 6
≥ 3500 ≥ 3000	58.4 73.9	69.8 75.8	69.9 76.0	70.0 76.1	70.0 75.2	70.0 76.2	76.3	70 • G 76 • 3	70.0 76.3	76.3	76.3	70.0 76.3	76.3	76.3	70.0	70.0 76.3
≥ 2500 ≥ 2000	17.9 88.4	83.2 91.7	92.3	30.7 92.6	80.9 92.9	93.0	93.3	93.3	81.0 93.3	93.3	93.3	81.0 93.3	93.3	93.3	81.0 93.3	61.5 93.3
≥ 1800 ≥ 1500	92.2	94.3 96.3	95.0 97.3	95.3	95.6 98.2	95.8 98.4	98.7	96.1 98.7	96.1 98.7	98.7	96.1 98.7	96.1 98.7	96 • 1 98 • 7	96.	96 • 1 98 • 7	96.1 98.7
≥ 1200 ≥ 1000	92.7	96.9 97.0	97.9 98.0	98.4	98.9 99.0	99.1	99.5	99.5 99.5	99.5 99.5	99.6	99.6	99.5 99.6	99.6	99.5	99.5 99.6	99.5
≥ 900 ≥ 300	92.7 92.8	97.1 97.1	98.1	98.5 98.6	99.1	99.4	99.7	99.6	99.6	99.8		99.7		99.7 99.8	99.7 99.8	99.7
700 ≥ 600	92.8	.7.1	98.2 98.2	98.6 98.7	99.3	99.4		99.7	99.7		99.9	99.8	99.9	99.9	99.8	99.9
≥ 500 ≥ 400	92.9 92.9	97•2 97•2	98.3	98.7	99.3	99.5	99.8	99.9	99.9	99.9	99.9		100.0	100.0		
≥ 300 ≥ 200	92.9 92.9	97.2		98.7 98.7	99.3	99.5	99.8			190.0	100.0	100.0	1.0.0		100.0	100.0
≥ 10C ≥ 0	92.9	97.2		98.7	99.3	99.5	•				100.0					F I

TOTAL NUMBER OF OBSERVATIONS

4017

USAF ETAC JUL 64 0-14-5 (OT A) MEVIOUS EDITIONS OF THIS FORM. ARE DESCRE

DATA PROCESSING SRANCH USAF TIAC AIR MEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

22508

WHEELER AFB HI

73,76

MAY

### PERCENTAGE TREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-020

CEILING				-			VIS	IBILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2 7	≥ 2	≥1⅓	≥11%	ا≤	≥ ⅓4	≥ ⅓	≥ 'ז	≥ 5/16	≥ .	≥0
NO CEILING ≥ 20000	25.0 25.0	25.0 25.0	25.0 25.0	25.0 25.0	25.0 25.0	1	25.0 25.J	25 • U 25 • U		25.0 25.0		25.0 25.0	25.0 25.0			25.0 25.0
≥ 18000 ≥ 16000	25.0 25.0	25.0 25.0	25.0 25.0	25.0 25.0	25.0 25.0	1	25.U 25.0			25.0 25.0		25.0 25.0	25.0 25.0	25.0 25.0	-	25.0 25.0
≥ 14000 ≥ 12000	25.0 25.0	25.0 25.0	25.0	25.0 25.0		1 1		25.0 25.0		25.0 25.0			25.0 25.0	_	25.0 25.0	25.0 25.0
≥ 10000 ≥ 9000	25.0 25.0		25.0			25.0	25.0	25.0 75.0	25.0		25.3	25.0 25.0		25.0	25.0	25.0 25.0
≥ 8000 ≥ 7000	25.0 25.0	25.0 25.0	25.0	25.0	25.0	25.0		25.0 25.0	25.€	25.0 25.0	25 • r			25.0	25.0	25.0 25.0
≥ 6000 ≥ 5000	25.0 25.0	25.0	25.0	25.0 25.0		25.0	25.0 25.0	25.0 25.0	25.0	25.0 25.0	25.0	25.0 25.0		25.0	25.0	25.0 25.3
≥ 4500 ≥ 4000	25.0 25.0	25.0		25.0 25.0	25.0	25.0	25.0	25.0 25.0	25.C	25.0 25.0	25.5	25.0 25.0	25.0	25.0	25.℃	25.C
≥ 3500 ≥ 3000	25.0 50.0	75.0	106.0	100.0		103.0	100.0		100.0		100.0			100.0	00.0	
≥ 2500 ≥ 2000	50.0	75.0	100.0	100.0	100.0	190.0	100.0	100.0	100.3	130.0	100.0	100.0	10C.C	100.0	103.0	100.0
≥ 1800 ≥ 1500	50.0	75.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	50.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0	100.0
≥ 200	50.0	75.0	100.0	100.0	11 .0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0
≥ 700 ≥ 600	50.0 50.0	75.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400 ≥ 300	50.0	75.0	100.0	100.0	.05.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	150.0	100.0	100.0
≥ 200	50.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	170.0
≥ 100 ≥ 0	50.5	1	1			100.0		1	1							1

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LATA PROCESSING BRANCH USAF ETAC AIR *SATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

2250d

I

WHEELER AFB HI

68-70,73-79

YAY

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 3600-0800</u>

CEILING							VISI	BILITY (ST)	ATUTE MILE	Si						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1'7	≥1'4	≥1	≥ ′4	≥ ५,	≥ '2	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	53.4 57.5	53.4 57.5	53.6 57.7	53.6 57.7	53.6 57.7	53.6 57.7	53.6 57.7	53.6 57.7	53.6 57.7	53.6 57.7	53.6 57.7	53.6 57.7	53.6 57.7	53.6 57.7	53.6 57.7	53.6 57.7
≥ 18000 ≥ 16000	57.5 57.5	57.5 57.5	1	57.7 57.7	57.7 57.7	57.7	57.7 57.7	57.7 57.7	57.7 57.7	57•7 57•7	57.7 57.7	57•7 57•7	57.7 57.7	57.7 57.7	57.7 57.7	57.7 57.7
≥ 14000 ≥ 12000	58.3 59.5	58.3 59.5		58.5 59.7	50∙5 59•7	58.5 59.7	58.5 59.7	58.5 59.7	58.5 59.7	58.5 59.7	58.5 59.7	58.5 59.7	58.5 59.7	58.5 59.7	58.5 59.7	58.5 59.7
≥ 10000 ≥ 9000	60.9 51.2	60.9	61.4	61.4	61.1 61.4	61.1 51.4	61.4	61.4	61.1 61.4	61.4	61.4	61.4	61.4	61.4	61.1	61.4
≥ 9000 ≥ 7000	61.9	61.9	62.3	52.1 52.3	62.1	62.3	62.1	62.3	62.1	62.3	62.3	62.1	62.1	62.3	62.3	62.3
≥ 6000 ≥ 5000	54.1	62.5	64.7	62.7	62.7	64.7	62.7	62.7	64.7	62.7	62.7	64.7	62.7	62.7	64.7	64.7
≥ 4500 ≥ 4000	73.6 77.2	68.3 74.3	68.7 74.6	74.6	74.6	74.6	68 • 7 74 • 6	74.6	74.5	74.6	68.7 74.6	74.6	74.6	68.7 74.6	74.6	74.6
≥ 3500	54.7	76.0 82.6	78.5 33.1 86.3	78.5 93.1	78.5 83.1	78.5 83.1	78.5 83.1	78.5 83.1	78.5	78.5 83.1	78.5 83.1	78.5 83.1	78.5 83.1	78.5 83.1	78.5 83.1	78.5
≥ 2500 ≥ 2900	91.5	93.3	94.2	86.3 94.2 96.6	86.3 94.2 96.7	66.3 94.2 96.8	66.4 94.3	94.3	94.3	86.4 94.3 97.0	94.3 97.0	94.3 97.0	86.4 94.3	86.4 94.3	94.3	86,4 94.3
≥ 1800 ≥ 1500 ≥ 1200	73.9 74.3	96.6	97.8	97.9	98.1	98.2		97.0 98.5 99.2	97.0 98.5		98.5	98.5	98.5	98.5	98.5	
≥ 1000	94.4	97.1	98.5	98.6	98.9		- 1	99.3	99.3	99.3			99.3	96.3	99.3	99.3
≥ 900 ≥ 800 ≥ 700	94.4	97.1	98.5	98.6	98.9		99.2	99.3	99.3	99.3	99.3		99.3	99.3	99.3	99.3
≥ 600	94.4	97.1	98.5		98.9		99.2	99.3		99.3	99.3	-	99.3	99.3	99.3	99.3
≥ 500 ≥ 400 ≥ 300	94.5	97.2	98.6	98.7	99.1	99.3	99.4	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	94.5	97.2	98.6	98.7	99.1	99.3		99.5		99.6	99.8		99.8	99.8	99.9	
≥ 100	94.5				99.1							99.8		99.8		100.0

TOTAL NUMBER OF OASERVATIONS_

856

LISAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CASCLE

DATA PHOCESSING BRANCH DEAF ETAC FIR WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

22:08

MARELER AFE HI

68-70,73-79

MAY

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VIS	BILITY (STA	TUTE MILE	ES:						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥27	≥ 2	≥1.77	≥1%	≳1	≥ 3,4	ه,ر ≷	≥ 5	≥ 5/16	<b>&gt;</b> •	≥0
NO CEILING ≥ 20600	45.4	45.6	45.6	45.6	45.6	45.6	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.5	45.6	45.6
≥ 18000	51.1	51.4	51.3 51.4	51.3	51.4	51.4	51.3	51.4	51.4	51.3	51.3	51.4		51.4	51.3	
≥ 16000	51.2	51.4	51.4	51.4	1	51.4	51.4	51.4	51.4	51.4	51.4		51.4 51.4	51.4	51.4 51.4	51.4
≥ 14000	51.6	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 12000	52.8	53.0	53.0	53.d	53.d	53.d	53.0	53.0			53.0			53.0		53.0
≥ 10000	53.6	54.0	54 • C	54.0	54.0	54.0	54.0	54.0	54.6	54.0	54.0	54.0	54.0	54.0	54 • C	54.D
≥ 9000	54 • 1	54.3	_54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 8000	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 7000	56.2		56.4	55.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 6000	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 5000	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	29.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 4500 ≥ 4000	05.5	66.2	66.2	66.2	66.4	65.2	56.2	66.2	56.2	66.2	66.2	66.2	66.2	66.2	56.2	1
	74.5	<del></del>	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7		74.7	74.7	
≥ 3500 ≥ 3000	78.4	79.6	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6		79.6	79.6	1
l	63.2		84.9	84.8	54.8	84.8	84.8		84.6	24.8	84.8			84.8		34.8
≥ 2500 ≥ 2000	85.1	91.q	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1		91.1	91.1	1 7 7 7 1
	95.2		98.7	76.4	96.4	96.4	96.5	96.5	96.5		96.5	96.5		96.5	96.5	96.5
≥ 1800 ≥ 1500	95.4	98.5 93.8	99.0	98.7	98.6	98.3	98.9	99.0	99.0		99.0	99.0				
≥ '200	95.4		99.1			99.2	99.4		99.5		99.5	99.5		99.5	99.5	
≥ 1000	95.4	7	99.5		99.2	99.2	99.4	99.5	99.5		99.5			99.6		99.6
≥ 900	95.	98.8	99.0	99.0	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6		99.5
≥ 800	95.4	1 3	99.0		99.2	99.2	59.4		99.5		99.5	99.5		99.7		
≥ 700	95.4		99.0		59.2	99.2	99.4	99.5	99.5		99.5	99.5		99.7	99.7	
≥ 600	95.4	98.8	99.0	99.0	99.2	99.2	99.5	99.6	99.6		99.6		99.8	99.8		1
≥ 500	95.4	93.8	99.0	99.0	99.2	99.2	99.6	99.7	99.5		99.8				100.0	
≥ 400	75.4	98.8	99.0	99.0	99.2	99.2	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	95.4	98.8	99.0	99.0	99.2	99.2	99.6	99.7	99.8	99.8	99.8				100.0	
≥ 200	95.4	98.8	99.0	99.0	99.2	99.2	99.6	99.7	99.8	79.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	95.4	98.8	99.0	99.0	99.2	99.2	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	95.4	98.8	99.0	99.0	99.2	99,2	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

<u>928</u>

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

22508

AHEELER AFB HI

68-70,73-79

MAY

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	BILITY STA	ATUTE MILI	ES,						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2 7	≥ 2	≥17	≥1′₄	≥1	≥ ¼	≥ >,	≥ 5	≥5 16	≥ 4	≥0
NO CEILING ≥ 20000	39.7 45.5	39.7 45.5	39.7 45.5	30.7 45.5	39.7 45.5	39.7 45.5	39.7 45.5	39.7 45.5	39.7 45.5	39.7 45.5	39.7 45.5	39.7 45.5	39.7 45.5	39.7 45.5	39.7 45.5	39.7 45.5
≥ 18000 ≥ 16000	45.5 45.6	7 7 7	45.5 45.6			45.5	45.5	45.5 45.6	45.5		45.5 45.6	45.5 45.6	45.5 45.6	45.5 45.6	45.5 45.6	45.5 45.6
≥ 14000 ≥ 12000	46.8	46.6 46.8	45.6	46.8	[	45.6	46.6	46.6	46.6	46.6	46.6	46.6	46.8	46.6 46.8	46.6 46.8	46.8
≥ 10000 ≥ 9000	47.8	47.3 48.4	47.8 48.4	47.8 48.4		47.8 48.4	47.8 48.4	47.8 48.4	47.8 48.4	47.8 48.4	47.8 48.4	47.8 48.4	47.8	47.8 48.4	47.8 48.4	47.8
≥ 8000 ≥ 7000	49.2 50.2	49.2 50.2	49.2 50.2	49.2 50.2		49.2 57.2	49.2 50.2	49.2 50.2	49.2 55.2	49•2 50•2	49.2 50.2	49.2 50.2	49.2 50.2	49.2 50.2	49.2 50.2	49.2 50.2
≥ 6000 ≥ 5000	50.5 53.0		50.5 53.2	50.5 53.2		50.5 53.2	50.5 53.2	50.5 53.2	50.5 53.2	50.5 53.2	50.5 53.2	50.5 53.2	50.5 53.2	50.5 53.2	50.5 53.2	50.5 53.2
≥ 4500 ≥ 4000	62.2 66.6	60.5 67.1	60.5 67.1	60.5 67.1	60.5 67.1	60.5 67.1	60.5 67.1	60.5 67.1	60.5 67.1	60.5 67.1	60.5 67.1	60.5 67.1	60.5 67.1	60.5 67.1	69.5 67.1	60.5 67.1
≥ 3500 ≥ 3000	71 • 2 79 • 8		72.0 80.7	72.0 80.7	72.0 80.7	72.0 80.7	72.0	72.C 80.7	72.0 80.7	72.0 80.7	72.0 80.7	72.G 80.7	72.0 80.7		72.0 80.7	72.0 80.7
_ 2500 ≥ 2000	38.0 94.0		89.5 96.3	89.7 96.6	89.8 96.8	59.8 96.8	89.8 96.8	89.8 96.8	89.8 96.8	1	89.8 96.8	89.8 96.8	89.8 96.8	89.8 96.8	89.8 96.8	89.8 96.8
≥ 1800 ≥ 1500	94.5 95.3	97.1 96.1	97.5 98.7	97.7 99.0		98.0 99.2	98.0 99.2	98 • C 99 • 4	98.5 99.4	-	98.0 99.4	98.0 99.4	98.0 99.4	98.0 99.4	98.0 99.4	98.0 99.4
≥ 1200 ≥ 1000	95.3 95.3	98.1 95.1	98.7 98.7	99.0 99.0	99.2	99•2 99•2	99.4 99.4		99•5 99•5		-	99.5 99.6	99.5 99.6		99.5 99.6	99.5 99.6
≥ 900 ≥ 800	95.3 95.3	98.1 98.1	98.7	99.0	99.2	99•2 99•2	99.4	99.5	99.5 99.5	99.6	99.6	99.6	99.7		99.6 99.7	1
≥ 700 ≥ 600	95.3	98.1 98.1	98.7 98.7	99.0	99.2	99•2 99•2	99.4	99.6	99.5 99.6	99.7	99.7	99.6 99.7	99.8	99.8		99.8
≥ 500 ≥ 400	95.3 95.3	98.1 98.1		99.0 99.0	99.4	99.4	99.6 99.6		99.8	99.9	99.9 99.9	99.9	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	95.3 95.3	98 • 1 98 • 1	98.7 98.7	99.0		99•4 99•4	99.6 99.6		99.8	99.9	99.9	99.9	100.0	100.0	100.0	130.0
≥ 100 ≥ 0	95.3 95.3	98.1 98.1	98.7 98.7	99.0 99.0		99•4 99•4	99•6 99•6	99•7 99•7	99•8 9 <b>9•</b> 8		99.9 99.9		1		100.0	

TOTAL NUMBER OF OBSERVATIONS____

928

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLSTE

SATA PROCESSING BRANCH USAF STAC ALF WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

22506

AHLELER AFB HI

65-70,73-79

MAY

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VISI	BILITY 'STA	TUTE MIL	ES						
FEET.	≥10	≥6	≥5	≥4	≥3	≥2 ?	≥ 2	≥1 ?	≥1 ₄	≥1	≥ کړ	و د ≤	≥ ∻	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	37.5 43.7	37.5 43.7	37.5 43.7	37.5 43.7	37.5 43.7	37.5 43.7	37.5 43.7	,	37.5 43.7		37.5 43.7		37.5 43.7	37.5 43.7	37.5 43.7	, ,
≥ 18000 ≥ 16000	43.d 43.8	43.8 43.8	43.8 43.8	43.8 43.8	43.8 43.8	43.8	43.8 43.8	43.8 43.8	43.8 43.8		43.8 43.8	43.8 43.8	43.8 43.8	43.8 43.8	43.8 43.8	43.8
≥ 14000 ≥ 12000	44.4	44.5	44.5	44.5	44.5	40.5	44.5	44.5	44.5 45.6	45.6	44.5 45.6	44.5	44.5 45.6	44.5 45.6	44.5 45.6	
≥ 10060	45.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9 46.9
≥ 8000 ≥ 7000	47.5 47.8	47.7	47.7	47.7 48.1	47.7	47.7	47.7	47.7	47.7	47.7 4ĉ.1	47.7 48.1	47.7 48.1	47.7 48.1	47.7 48.1	47.7 48.1	47.7
≥ 60% ≥ 5000	48.4 51.3	51.7	48.6 51.7	48.6	51.7	48.6	48.6 51.7	48 • 6 51 • 7	48.6 51.7	51.7	48.6	48.6	48.6 51.7	48.6 51.7	51.7	48.6 51.7
≥ 4500 ≥ 4000 ≥ 3500	56.9 70.5	60.3 67.4 71.4	67.4 71.4	67.4 71.4	67.5 71.5	63.3 57.5 71.5	60.3 67.5 71.5	60.3 67.5 71.5	60.3 67.5 71.5	67.5	60.3 67.5	60.3	67.5	60 • 3 67 • 5	67.5	60.3 67.5 71.5
· 3000 ≥ 4300	79.7 £6.1	88.9 57.6	81.0	81.0 88.0	81.2	81.2	81.2 88.3	\$1.2 88.3	61.2 88.3	81.2	71.5	71.5 81.2	71.5 81.2	71.5 81.2	71.5 81.2 88.3	81.2
≥ 2000	93.8 94.3	95.5	95.3	96.6	96.9	97.0	97.C	97.0	97.C	97.5	88.3 97.0 93.0	97.3		88.3 97.0 98.0	97.0	97.0
≥ 1500	94.9	97.1	98.2	98.5	98.6	98.9	98.9	98.9	98.9		99.D			99.0		, ,
≥ 1000	95.1	97.3	98.6	99.0	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800 ≥ 700	95.1 95.1	97.3	93.6	99.0	99.4	99.6	99.6	99.6	99.6	59.8	99.6	99.8	99.8	99.8	99.8	1
≥ 600	95 • 1 75 • 1	97.3	98.6	99.0	99.5	99.7	99.7	99.7	99.7	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.1	97.3	98.6	99.0	99.5	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 200	95.1 95.1	97.3	98.6	99.0	99.5	99.	99.7	99.7	99.7	100.0	100.0	199.0	100.0	100.0	100.0	100.0
≥ 0	95.1		98.6	99.0	99.5		99.7	99.7								100.C

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 20164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PROCESSING BRANCY USAF ETAC AI- «CATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

275.0 *HEELER AFB 41

68-75,73-79

M A T

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CENING							VIS	BILITY STA	ATUTE MILI	E 5						
, FEET	≥10	≥ه	≥ 5	≥4	≥3	≥2 2	≥ 2	212	≥1.	≥1	≥ 34	≥'₁	≥ ז	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	42.6 48.6	43.2	• -}	43.3	- 1	43.3	43.3	1	43.3	43.3 49.1	43.3 49.1	43.3	43.3 49.1	43.3	43.3	43.3
≥ 18000 ≥ 16000	48.9 48.9	49.2	49.3	49.3	49.3	49.3 49.3				00.3 1.3	1 1 7 7	49.3	49.3 49.3		49.3 49.3	49.3
≥ 14000 ≥ 12000	49.8 5C.4	53.2 53.8	50.3 50.9	50.3 50.9	50.3 50.9	50.3 50.9	50.9	50.9	50.3 52.9	50.3 50.9	50 • 3 50 • 9	50.3 50.9	50 • 3 50 • 9	50.3 50.9	50.3 50.9	
≥ 10000	52.4	52.5 52.5	52.9 53.1	52.9 53.1	52.9 53.1	52.9 53.1	52.9 53.1	52.9 53.1	52.9 53.1	52.9 53.1	53.1	52.9 53.1	57.9 53.1	52.9 53.1	52.9 53.1	52.9 53.1
≥ 8000 ≥ 7600	53.3 53.3	53.6 53.6		54.5 54.1	54.1	54.0 54.1	54.1	54.1	54.1	54.0 54.1	54.C 54.1	54.0 54.1	54.0 54.1	54.0 54.1	54.0 54.1	54.0 54.1
≥ 6000 ≥ 5000	53.7 55.3	54.1		54.6 56.2		54.6 56.2	54 • 6 56 • 2	54.6 56.2	54.6 56.2	54.6 56.2	54.6 56.2	54.6 56.2	54.6 56.2	56.2	54.6	56.2
≥ 4500 ≥ 4000	68.5	51.1 55.6		61.5	64.1	61.5 69.1	61.5 69.1	61.5 69.1	69.1	61.5 69.1	69.1	61.5	61.5	69.1	61.5 59.1	69.1
≥ 3500 ≥ 3000	71 • 5 79 • 3	72.5 30.5		73.0 83.9	73.0 80.9	73.0	73.Q 80.9	73.0 20.9	73.E 80.9	73.0 80.9	80.9	73.0 80.9	73.5 80.9	73.0 80.9	73.0 80.9	80.9
≥ 2500 ≥ 2000	63.3 91.1	84.7 93.1	85.4 94.4	65.4 94.6	85.6 74.8	85.6 94.8	85.6 94.8	85.6 94.8	85.6 94.8	85.6 94.°	94.8	85.6 94.8	85.6 94.8	85.6 94.8	85.6 94.8	94.5
≥ 1800 ≥ 1500	94.4	95.6 96.7	98.2	97.2	98.6		97.4 98.6	97.4			98.6			97.4 98.6	97.4 98.5	
≥ 1200 ≥ 1000	94.7	97.0 97.0	98.6	98.7	98.9	98.9	98.9 98.9	98.9	98.9	98.9 98.9	99.1	98.9 99.1	99.1	98.9	98.9 99.1	98.9
≥ 900 ≥ 800	94.7 94.7	97.0 97.0		98.7 96.7		98.9 98.9	98.9 98.9	98.9	98.9 98.9	98.9 99.1	99.2	99.1 99.2	99.2		99.1 99.2	99.2
≥ 700 ≥ 600	94.7	97.J	96.8	98.7	98.9 99.2	99.1 99.3			99.1	99.2 99.4	99.5		99.3	99.5	99.3	99.5
≥ 500 ≥ 400	94 • 7 94 • 7	97.2 97.2	98.9	99.1 99.1	99.4		99.6	99.6	99.6 99.6		99.9		99.9	99.9	99.9	99.9
≥ 300 ≥ 200	94.7	97.2 97.2	98.9	99.1	99.4	99.6	99.8	99.8		99.9		100.0	103.0	100.0		100.0
≥ 100 ≥ 0	94.7	97.2 97.2	1	99.1 99.1	99.4		99.8 99.8		99.8 99.8					100.0		

TOTAL NUMBER OF OBSERVATIONS_

845

USAF ETAC NICH 0-14-5 (OL A) PREVIOUS EMIONS OF THIS FORM AND OBSOLETE

UATA PHOCESSING BRANCH U AF STAC AL- REATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

Commandation and Adeller Afa HI

65-70,73-79

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### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VISI	BILITY STA	TUTE MILE	5						
FEET	≥10	≥6	≥5	≥4	≥3	≥2 2	≥2	≥17	≥1.	≥1	≥ ئي	ود ≤	≥ ?	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	49.4	49.8 51.5	53.7	52.1		50.6		52.4 52.4	50.6 52.4		50.6 52.4		i	50.6 52.4	50.6 52.4	
≥ 18000 ≥ 16000	51.1	51.5	51.9	52.1	52.4		:		52.4	;		52 · 4	52.4 =2.4	52.4 52.4	52.4 52.4	52.4 52.4
≥ 14000 ≥ 12000	52 <b>.1</b> 53 <b>.</b> 0	52.6 53.4	53.5 53.5	53.2 54.1	(		53.4 54.3		53.4 54.3	ŧ			53.4 54.3	53.4 54.3		
≥ 10000 ≥ 9000	54 • 1 54 • 7	54.5 55.1	54.9 55.8						55.3 56.2		1		:	55.3 56.0	55.3 56.3	
≥ 8000 ≥ 7000	56.0	56.4 56.4	56 . s	57.1 57.3			57.5 57.5	57.3 57.5	57.3 57.5	1			57.3 57.5	57.3 57.5		57.3
≥ 6000 ≥ 5000	56.3 57.3	56.4 57.7	56.8 59.1	57.3 55.5		57.5 58.8	57.5 58.8	57.5 53.8	57.5 58.8				57.5 58.8		58.8	
≥ 4500 ≥ 4000	61.3 06.5	52•2 67•5	62.6 63.2			68.8	68.8	+	63.Z 68.E	68.8	68.8		63 • 2 65 • 8		68.8	
≥ 3500 ≥ 3000	72.3 76.1	73.5 78.2	74 • 1 78 • 8	74.5 79.3	79.5	79.3	79.5	79.5	74.8 79.5	79.5	79.5	79.5	74.8		79.5	74.8
≥ 2500 ≥ 2000	50.6 88.7	92.5		94.4	94.7	94.7	94.9	$\longrightarrow$	34.6 94.9	94.9	94.9	94.9	64.6 94.9	84.6 94.9	94.9	94.9
≥ 1800 ≥ 1500	90.8 91.9	95.9		97.9	98.1	98.1	98.3	98.3	98.3		98.3	98.3	97.0 95.3	98.3	98.3	98.3
≥ 1200 ≥ 1000	92.3	96.6	97.9		99.1		99.4	99.4		99.4	99.4	99.4		99.4	99.4	99.4
≥ 900 ≥ 800	92.3 92.3				99.1	99.1	99.4	99.4	99.4		99.4	99.4		99.4	99.4	99.4
≥ 700 ≥ 600	92.3 92.3	96.6	97.9	98.7	99.1			99.4	99.4	99.1	99.4	99.4	99.4	59.4	59.4	99.4
≥ 500 ≥ 400	92.3	96.8 96.8		98.9	99.4	99.4	99.6	99.6		99.5		99.6		99.6 99.6	99.6	99.6
≥ 300	92.5 92.5		98.3	99.1	99.6		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.C
≥ 100 ≥ 0	92.5 92.5								99.8 99.0		i i	99.8		:	I	1 1

TOTAL NUMBER OF OBSERVATIONS...

458

USAF ETAC RESA 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE DISOLET

DITA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

27515 AHEELER AFB HI

65-70,73-70

YAY

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VISI	BILITY ST.	ATUTE MIL	ES						
FEE:	≥10	≥6	≥ 5	≥4	≥3	≥2:	≥?	≥: ;	≥1.	≥1	≥ ;₄	≥ '•	≥ ;	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	44.1	49.4	44.4	44.4	40.4	44.4	44.4	44.4		44.4 49.6	44.4	44.4	44.4	44.4	44.4	44.4
≥ 18000 ≥ 16000	40.4		49.5		49.7		49.7	49.7		49.7	49.7	49.7	49.7		49.7	49.7
≥ 14000 ≥ 12000	1.0			53.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 107000	52.3	52.5	52.5	52.0	52.7	52.7	52.7	52.7	52.7	51.3	51.3	52.7	52.7	52.7	51.3	51.3
≥ 8000	53.5	53.7	52.9	53.0	53.9	53.9	53.9	53.0 53.9	53.9	53.9		53.9	53.9	53.9	53.0 53.9	53.C 53.9
≥ 7000	54 • 0		54.3	54.5	54.4	54.6	54.4	54.8	54.4	54.4	54.4 54.8	54.4 54.8	54.4 54.8	54.4	54.4	54.8
≥ 5000 ≥ 4500	56.6 u2.7	56.9 53.1	57.1 63.3	57.2 63.3		57.2 63.3	57.2	57.2 63.3	57.2 63.3	57.2 63.3	57.2 63.3	57.2 63.3	57.2 63.3	57.2 53.3	57.2 63.3	57.2
≥ 4000	73.5	73.1 74.5	73.3	70.3	73.4	7C-4	70.4	76.4	70.4	70.4 74.9	76.4	78.4	79.4 74.9	70.4	79.4	75.4
≥ 3000 ≥ 2500	80.2	81.5 87.3	81.a	81.6	81.9	81.9	81.9	81.9		81.9	81.9	81.9	81.9 38.7	81.9	81.9 88.D	81.9 88.0
≥ 2000	92.4	94.7	95.4	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8 97.8	95.8	95.8	95.8	95.8
≥ 1500	94.5	97.3	98.3	98.5	98.7	98.8	98.9	98.9		98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200 ≥ 1000	94.7	97.6	98.5	98.9	99.2	99.2	99.3	99.4	99.4	9.4	99.3 99.4	99.3	9:.3	99.3	99.3	99.3
≥ 900 ≥ 800	94.7 94.7	97.6 97.6	98.5 98.6	98.9 98.9		99.2	99.3	99.4 99.4	99.4 99.4	99.4 99.4	99.5	99.5	99.5 99.5	99.5	99.5 99.5	99.5 99.5
≥ 76J ≥ 600	94.7	97.6 97.6	98.6 98.5	98.9 98.9	99.2 99.2	99•2 99•3	99.3 99.4	99.4 99.5	99•4 99•5	99.5 99.6	99.5 99.6	99.5 99.6	99.6 99.7	99.6 99.7	99•5 99•7	99.6 99.7
≥ 500 ≥ 400	94.7	97.6 97.6	95.7 98.7	99.0	99.3	99.4	99.5 99.6	99.6	99.6 99.7	99.8	99.8	99.8	99.9	99.9	99.9 99.9	99.9
≥ 300 ≥ 200	94.7	97.6 97.6	98.7	99.0 99.0	99.3	99.5	99.6	99.7 99.7	99.7 99.7	99.8 99.8	1	97.9	99.9 99.9		100.0	
≥ 100	94 • 7 94 • 7	97.5 97.6	98.7 98.7	99.0 99.0	99.3	99.5	99.6	99.7	99.7 99.7	99.8 99.8		99.9		- 1	100.0	

TOTAL NUMBER OF OBSERVATIONS

4957

USAF STAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLET

WATA PROCESSING BRANCH COAF STAC ALL WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

225.78

AMERLER AFB HI

69,73-74

Juli

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG							٧iS	BILITY ST	ATUTE MIL	£S						
FEET	≥10	≥6	≥5	≥4	≥3	≥2 つ	≥2	≥1 ;	ه ا≲	≥1	2 %	≥>,	≥ ÷	≥5 16	≥.	≥c
NO CEILING ≥ 20000	42.9 57.1	42.9 57.1	42.9 57.1			1 1		-	42.9 57.1	42.9 57.1	42.9 57.1	42.9 57.1	42.9 57.1	42.9 57.1	42.9 57.1	42.9 57.1
≥ 18000 ≥ 16000	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1
≥ 14000 ≥ 12000	57.1 57.1	57.1 57.1	57.1	57.1	57.1			57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57 • 1 57 • 1	57.1 57.1
≥ 10000 ≥ 9000	57.1 57.1	57.1 57.1	57.1 57.1	57.1	57.1	57.1			57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1
≥ 8000 ≥ 7000	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1	57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1
≥ 6000 ≥ 5000	57.1 57.1	57.1 57.1	57.1 57.1	57.1	57.1 57.1		57.1 57.1	57·1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1
≥ 4500 ≥ 4000	57.1 57.1	71.4	71.4 71.4	71.4	71.4	71.4	71.4	71.4 71.4	71.4 71.4	71.4 71.4	71.4 71.4	71.4 71.4	71.4 71.4		71.4 71.4	71.4
≥ 3500 ≥ 3000	71.4 71.5	65.7 65.7	85.7 85.7	85.7 85.7	55.7 85.7	85.7 85.7			85.7 85.7	85.7 85.7	85.7 85.7	85.7 85.7	85.7 85.7	85.7 85.7	85•7 85•7	1
≥ 2500 ≥ 2000	71.4 71.4	85.7 85.7	85.7 85.7	85.7 85.7	85.7 85.7	85.7 85.7	85.7 85.7	85•7 85•7	85.7 85.7	85.7 85.7	85.7 85.7	85.7	85.7 85.7	85.7 85.7	85.7 85.7	
≥ 1800 ≥ 1500	71.4 65.7	25.	1	85.7 100.0		25.7 100.0										
≥ 1200 ≥ 1000	<b>55.</b> 7		100.0	100.0		100.0	100.0 103.0		100.0 100.0		160.0 100.0		150.0	100.0	00.0	100.0
≥ 960 ≥ 800			100.5	100.0		100.0	100.0	100.0	100.0	100.0		130.0	100.0	כ•נסו	100.0	
≥ 700 ≥ 630	55.7 85.7	100.0	100.0	-000	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0
≥ 50° ≥ 400	55.7 55.7		100.0		100.0	130.0		100.0	100.3	130.0	100.0	100.0	100.0	100.0	100.0	
≥ 300 ≥ 200	£5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.3	100.0
≥ 00 ≤	85.7 85.7	1	100.0		l .	3 1	1				1 1	1	1			100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC ALM 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM AND DESCRIP

DATA PROCESSING BRANCH LSAF DATE AIR AEATHER SERVICE/MAC

1

#### CEILING VERSUS VISIBILITY

22518 KHEELER AFB HI

68-70,73-79

MCAY-

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3630-5800

CEILING							ViS	BILITY \$7	ATUTE MIL	<u> 5</u> 5						
	≥10	≥6	≥5	≥4	≥3	≥2 ;	≥ 2	≥17	≥1.	≥1	≥ کو	≥ 5-9	≥ :	≥5 16	≥ .	20
NO CEILING ≥ 20000	=3.2 49.5	43.5	43.5	1	43.7 49.8	43.7 49.8		1	. • •	1	43.7 49.8	43.7 49.8		1 - 1	43.7 49.3	
≥ 18000 ≥ 16000	49.5	49.5	49.5	49.6	49.8 59.0	49.8 50.0						49.3 50.0		i	49.8 50.0	
≥ 14000 ≥ 12000	20.1 46.9	50.5 50.5	50.5 50.5	50.0 50.5	50.1, 50.6	50.1 50.6	50.1 50.5	50 • 1 50 • 5	50.1 50.6	50.1 50.6	50.1 50.6	50.1 50.6		50.1 50.5	50.1 50.6	
≥ 10000 ≥ 9000	51.0 51.0	51.3	51.3 51.3	51.8	51.4 51.4	51.4 51.4	51.4 51.4	51.4 51.4		1		51.4 51.4	51.4 51.4	51.4 51.4	51.4 51.4	
≥ 3000 ≥ 7000	£1.5	51.8 52.5	51.3 52.5	51.8 52.5	51.9 52.6	51.9 52.0		51.9 52.6	51.9 52.6			51.9 52.6			51.9 52.6	51.9 52.6
≥ 6060 ≥ 5000	53.J 54.S	53.3 54.9	53.3 54.9	53.3 54.7	53.5 55.0	53.5 55.0		53.5 55.0	53.5 55.0	1	53.5 55.0	53.5 55.0	53.5 55.0	53.5 55.0	53.5 55.0	
≥ 4500 ≥ 4000	58.5 56.4	5°.2	59.2 67.5	59.Z 67.5	59.3 67.5	59.3 67.6					59.3 67.6	59.3 67.6		,		
≥ 3500 ≥ 3000	70.7 75.4	71.9 77.0	71.9 77.3	71.9 77.3	72.0 77.4	72.9 77.4		72.0 77.5	72.0 77.5	72.0 77.5	72.0 77.5	72.0 77.5	72.9 77.5		72.0 77.5	_
≥ 2500 ≥ 2000	77.4 87.8	79.2 91.1	79.5 91 7	79.7	79.9 93.2	79.9 93.2		80.0 93.3	80.D 93.3	93.3	80.0 93.3	80.0 93.3	60.0 93.3		63.0 93.3	93.3
≥ 1800 ≥ 1500	89.8 91.6	93.7 96.8	94.4 97.6	94.7 96.1	95.8 99.3	95 • 8 99 • 3		95.9 99.4	95.9		95.9 99.4		95.5 99.4	95.9 99.4	95.9	95.9 99.4
≥ 1200 ≥ 1000	91.9 92.0	97.2	98.1 98.1	98.4 95.6	99.8	99.8			99.9 100.0	99.9 190.0	99.9 188.0				99.9 100.0	
≥ 900 ≥ 800	72.0 92.0	97.2	98.1 98.1	98.6 98.6	99.9					100.0				r		
≥ /00 ≥ 600	92.0 92.0	97.2	98.1 98.1	98.6 98.6	99.9			100.0 100.0		100.0 100.0				100.0 100.0		
≥ 500 ≥ 400	92.0	97•2 97•2	98 • 1 98 • 1	98.6 98.6	99.9		190.0 100.0			100.0 100.0						
≥ 300 ≥ 200	92.0 92.0	97.2	98.1 98.1	98.6	99.9	99.9	100.0	100.0	100.0	100.0 100.0	100.0	100.C	100.0	100.0	100.0	100.0
≥ ¹00 ≥ 0	92.J	97.2		98.6 98.6	99.9	1				100.0 100.0						1

TOTAL NUMBER OF OBSERVATIONS...

336

USAF ETAC ALSO 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

WATE PROCESSING BRANCH CRUF FIEC EI WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

TO US NUMBER AFR HI

05-72,73-79

1935-115

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2936-1160

CERING							VISI	BILITY STA	TUTE MILI	ES						
l feet	≥10	≥0	≥5	≥4	23	≥2 - ;	≥ 2	≥1:	≥1.	≥1	≥ 1,4	5.⁴	≥ ?	≥5 16	≥.	≥0 '
NO CEILING ≥ 20000	37,5	37.5	37.5 43.5	37.5 43.5	37.6 43.6	37.6	37.6	37.0 43.8	37.6	1	37.6	37.6 43.8			37.6 43.8	
≥ 18000 ≥ 18000	43.8	43.8	43.8 43.8	4 a	43.9	43.9	44.0 44.0	(4.0	44.0	44.3 44.0	44.3	44.C	44.0	44.C	44.0 44.0	44.0
≥ :4000 ≥ 2000	43.9 45.0	43.9	43.3	43.9 45.0	44.0	44.3	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ '6000' ≤	45.1	45.1	45.1	45.1	46.2	46.2	46.3	46.3	45.2	45.2	45.2	45.2	46.3	45.2		46.3
≥ 8000 ≥ 7000	46.3	46.7	46.7	46.7	46.8	46.4	46.9	46.7	46.9	46.9	46.5	46.9	46.9	45.9	46.9	46.9
≥ 6000 ≥ 5000	47.0 46.3 50.6	45.0	47.0	45.0	47.1	48.1	48.2	48.2	45.2	48.2	47.2	48.2	48.2	48.2	47.2	48.2
≥ 4500 ≥ 4000	55.7	50.6 50.7	58.7.	53.7	53.8	56.5	53.9	58.9	50.8	58.9	58.9	58.9	58.9	58.9	58.9	
≥ 3500 ≥ 3000	66.3 71.3 78.6	71.8	72.1	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3		72.3	72.3
≥ 2500 ≥ 2000	33.5	24.5	و.53	79.8 85.2	79.9 85.3	85.3	85.4	85.4	85.4	85.4	80.C	85.4	85.4	85.4	85.4	
≥ 1850 ≥ 1500	92.7	96.2	96.9	97.0	97.3	97.3	97.4	97.5	95.1 97.5		95.1	95.1			97.7	97.7
≥ 1200 ≥ 1600	95.C	98.1	98.8	98.9	98.7	99.6	99.7	98.9	98.9	99.9	99.0	99.9	99.5	99.9	99.9	
≥ °00 ≥ 800	95.2 75.2	98.1	98.9	99.0	99.7	99.7	99.8	99.9	99.9		100.0	100.0	199.9	100.0	199.0	20.0
≥ 700 ≥ 600	95.2 95.2	98.1	98.9	99.0	99.7	99.7	99.8	99.9	99.9		100.0	100.0	109.0		.00.0	100.0
≥ 500 ≥ 400	95.2 95.2 95.2	98.1	95.9	99.0 99.0	99.7	99.7	99.8	99.9	99.9		100.0	100.0	100.0	150,0	160.0	
≥ 300	95.2	98.I	98.9	99.0	99.7	99.7	99.8	99.9	99.9	100.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	95.2 5.2	98.1	98.9	99.0	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
<u> </u>	95.2	98.1	98.9	99• <u>q</u>	99.7	99.7	99.8	97.9	99.9	TOD. D	T 0 0 • 0	1 0 0 • D	100.0	<u> </u>	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

598

USAF ETAC ANSA 3-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PROCESSING BRANCH USAR FIAC AI REATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

1200-140

CEUNG							v 5.	Belity STA	IUTE MILE	\$						
*EE*	≥10	' ه≲	25	≥4	≥3	≥2 :	≥ 2 ,	≥ :	≥'.	≥1	2 .	≥5 1	≥ :	≥5 10	٠ . خ	≥0
NO CEILING ≥ 20000	37.0	37.J	37.3 42.4	37.0 42.4	- 1	37.0 42.4	37.0 42.4	37.3 42.4		37,3 42.4	37.0 42.4	37.0 42.4		37.J		37.0 42.4
≥ 18000 ≥ 16000	42.9	42.8	42.3 42.9	42.0	42.8 42.9	42.8 42.9	42.8	42.8	42.8	42.8	,	42.8	42.8			42.5
≥ 14090 ≥ 12000	43.E	43.0 43.8	43.3 43.8	43.G	43.0 43.8	43.8	43.0 43.8	43.3 43.8	43.G 43.8	43.0 43.6	43.0 43.8	43.0 43.8	43.8 43.8		43.0 43.8	43.0°
≥ 10000 ≥ 9000	44.3 44.3	44.5	44.4	44.3	44.3	44.5	44.4	44.3	44.4	44.5	44.4	44.3 44.4		44.7		44.3. 44.4
≥ 8000 ≥ 7000	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9 44.9	44-9 44-9	44.9 44.9	44.9 44.9
≥ 5000 ≥ 5000	45.4 46.6	45.5	45.5 45.7	45.5	45.5 48.7	48.7	45.5	45.5 45.7	45.5	43.5 46.7	45.5 48.7	45.5 48.7	45.5 45.7	45.5 48.7	45.5 48.7	45.5 45.7
≥ 4500 ≥ 4000	5c.4 £4.8	58.5 65.0	2.8¢	55.5 65.0	58.5 65.0	58.5 65.0	56.5 65.0	58.5 55.0	58.5 65.0	56.5 65.0	58.5	58.5 65.0	58.5 65.0	58.5 55.0		58.5 65.5
≥ 3500 ≥ 3000	77.8	72.8 78.5	73.3 78.6	73.9 78.8	70.9	70.9 78.8	70.9 75.8	70.9 78.8	70.9 72.8	70.9 78.8	70.9 78.8	75.9 78.8				70.9° 78.6
≥ 250° ≥ 2000	\$8.0 95.5	97.0	89.1 97.3	89.4 97.7	89.4 97.7	89.4 97.7	89.4	89.4 97.7	89.4	89.4 97.8	89.4 97.8	89.4 97.8	99.4 97.8	89.4 97.8		89.4° 97.8,
≥ 1800 ≥ 1500	95.9 96.1	97.7 98.1	98 • 1 98 • 8	98 • 7. 99 • 3	95.8 99.4	98.8 99.4	98.8	99.4	98.8 99.4	98.9 99.6	98.9 99.6	98.9 99.6	98.9 99.6			98.9i
≥ ·200 ≥ 1000	56.2 76.2	98.3	99.1	99.6	59.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.8	99.9	99.8		99.3 100.0		99.8 100.0
≥ 90C ≥ 800	°6.2	98.3	99.1	99.6	99.7	99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.9	99.9			100.6 100.8		
≥ 700 ≥ 600	96.2	98.3	99.	99.6	99.7	99.7	99•7 99•7	99.7 99.7	99.7	99.9	99.9	- 1		100•0 100•0		100.0
≥ 500 ≥ 400	76.4 96.2	98.3 98.3	99.0	99.6	99.7 99.7	99.7	99.7	99.7	99.7 99.7	99.9	99.9			100.0		
≥ 300 ≥ 300	96.2 96.2	98.3 98.3	99.0 99.0	99•6 99•6	99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.9	99.9		100.0	100.0 100.0		100.0
≥ ¹00 ≥ 0	76.2 96.2	98•3 98•3	99.0 99.0	99.6 99.6	99.7	99.7	99•7 99•7	99.7	99•7 99•7	99.9	99.9		,	100.0 100.0		

(FROM HOURLY OBSERVATIONS)

TOTAL NUMBER OF DESERVATIONS...

897

LISAE ETAC ALS O-14-5 (OL A) MENOUS EDITIONS OF THIS FORM AND OBSOLE

JATA PHOCESSING BRANCH USAF ETAC NIGHAEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

22136 AMESEER AFS HE

66-72,73-79

<del>--------</del>-

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 -XX

CERNG							V15/1	SIL TY SIA	iute wile	\$						
*EE* :	≥10	≥6	≥5 •	≥4	≥ 3	≥2:	≥ ?	≥ .	≥'• :	≥'	≥ •	≥ 3-	≥;	≥5 16	≥.	20
> SUOCO	41.3		41.4		41.4					_		,		_	41.4	
2006 ₹	= 6 . 7 46 . 9	46.9 47.0	46.8		47.0					-		- *			46.8	-
≤ 4000 ≥ 12000		#7.2 47.5		47.2 47.5	47.2 47.5	47.2 47.5								· · · · · · · · · · · · · · · · · · ·	47.2 47.5	
≥ 9000 ≥ '0000	4:.7 4:.8	48.3	45.9 48.9	48.8	48.8 48.9	48.8	48.9 48.9								48.9.	
≥ 3000 ≥ 7000	35.3	49.9 50.4	50.4	53.4	49.9 50.4	50.4	49.9 50.4	50.4	50.4	49.9 50.4	50.5	50.4	50.4	50.4	50.4	50.4
≥ 5000 ≥ 5000	59.7 54.8	55.8 54.9	50.9 54.9	50.8 34.9	50.8 54.9				50.5 54.9		50.8 54.9				50.8. 54.9	
≥ 4500 ≥ 4000	52.4 72.2		62.5 70.4	52.5 70.4	62.5 70.4	62.5 70.4	62.5 70.4		52.5 75.4	70.4	52 • 5 70 • 4		70.4	76.4	62.5 75.4	
≥ 3500 ≥ 3000	63.3	75.1 83.5		75.1 83.5	75.1 83.5		75.1 83.5	75.1 33.5		33.5	75.1 83.5		83.5	63.5	75.1. 23.5.	83.5
≥ 2000 ≥ 2000	96.4	8°.3	89.3 97.3	97.4		39.3 57.4		97.4		97.4	97.4	97.4	97.4	97.4	89.3 97.4	97.4
≥ '800 ≥ '500	57.2	93.1	98.4	98.7	98.8	78.3 98.8	98.3	95.3		96.8	98.8	93.8	98.8	78.3	98.8	98.2
≥ 20C ≥ 1000	57.4 57.4	98.8	99.1	99.4	99.7	99.8	99.3	99.9	99.9	10C.0		100.0		100.0	99.6 100.B	100.0
≥ 90¢ ≥ 800	97.4	95.8	99.1 99.1	99.4	99.7	99.8	99.5	99.9	99.9	190.3	130.0	190.3	109.C	198.3	100.0	100.0
≥ 706 ≥ 600 > 500	• 7 • 4 97 • 4	98.8	99.1 99.1	99.4	99.7	99.8 99.8	99.8	99.5 99.5	99.7	100.0	100.0	00.0	100.0	100.0	190.6 199.0 180.0	100.0
≥ 500 ≥ 400 ≥ 300	97.4 77.4	98.8	99.1	99.4	99.7	99.8 99.8	99.8	99.9	99.9	100.0	100.0	100.0	190.0	100.C	100.0	100.3
≥ 200	97.4 57.4	98.8	99.1	99.4	99.7	99.8	99.5	99.9	99.9	100.9	160.0	100.5	190.5	160.6	100.0	CO.C
2 0	97.4		99.1			99.8	1				•				20.0	

TOTAL NUMBER OF OBSERVATIONS

896

TISAE FTAC 4544 0-14-5 (OL. A) menous comors of this com, all obtain

LATA PROCESSING BRANCH USAF ETAC ADR REATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

22508

*HEELER AFB HI

68-75,73-79

JUN

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	BILITY (ST	NUTE MIL	ES,						
ifEE;	≥10	≥6	≥ 5	≥4	≥3	≥2 7	≥ ?	ورا≲	≥1′4	≥1	≥ 34	≥ ¾	≥ '5	≥5 16	۸.	≥0
NO CEILING ≥ 20000	45.2 51.2	45.2 51.2	45.3 51.3	45.3 51.3	45.6 51.5	45.6 51.5	45.5 51.5	45.6 51.5	45.6 51.5	45.6 51.5		45.6 51.5	45.6 51.5	45.6 51.5	45.6 51.5	45.6 51.5
≥ 18000 ≥ 16000	51.6 51.6	51.6 51.6	51.8 51.8	51.8 51.8	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0		52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0
≥ 14000 ≥ 12000	32.5 52.7	52.0 52.7	52.9	52.1 52.9	52.4 53.1	52.4 53.1	52.4 53.1	52.4 53.1	52.4 53.1	52.4 53.1	52.4 53.1	52.4 53.1	52.4 53.1	52.4 53.1	52.4 53.1	52.4 53.1
≥ 10000 ≥ 9000	54.7 55.0	54.7 55.0	54.6 55.2	55.2	55.0 55.4	55.0 55.4	55.0 55.4	55.0 55.4	55.0 55.4	55.0 55.4		55.0 55.4	55.0 55.4		55.4	55.0 55.4
≥ 8000 ≥ 7000	55.7 56.0	55.7 56.0	55 · 5 56 · 1	55.8 56.1	56.0 56.4	56.0 56.4		56.0 56.4	56 • G 56 • 4	56.0 56.4	56.4	56.0 55.4	56.0 56.4		56.0 56.4	56.0 56.4
≥ 6000 ≥ 5000	56.4 58.6		56.5 58.7	56.5 56.7	56.7	56.7 58.9	56.7 59.9	56.7 58.9	56 • 7 58 • 9	56.7 58.9	56.7 58.9	56.7 58.9	56.7 58.9	56.7 58.9	56.7 58.9	56.7
≥ 4500 ≥ 4000	63.7 69.0	63.7 69.0	63.8	63.8		64.E	64.0 69.5	64.0 69.5	64.0 69.5	64.0 69.5	64.0 69.5	69.5	69.5	69.5	64.D 69.5	69.5
≥ 3500 ≥ 3000	73.5 61.9	82.5	73.9 62.6		74.2 83.1	74.2 83.1	74.2 83.1	74.2 83.1	83.1	74.2 83.1	74.2	74.2 83.1	74.2 83.1	74.2 83.1	74 • 2 83 • 1	83.1
≥ 2500 ≥ 2000	25.9 94.2	95.5	95.6	96.5		96.7	87.2 96.7	87.2 96.7	87.2 96.7	87.2 96.7	87.2 96.7		87.2 96.7	87.2 96.7	96.7	96.7
≥ 1800	95.3 96.1	96.6	96.7	97.6 98.8	97.8 99.0	97.8	97.8		97.8 99.0	97.8	99.0	99.0				
≥ 1200	96 • 1 96 • 1	97.6 97.6	98.3	99.4	99.6 99.8	99.8	99.8	99.8	-		160.0	100.0	100.0		100.0	100.0
≥ 900 ≥ 800	96 • 1 96 • 1	97.6	98.3	99.4	99.8 99.8	99.8		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 700 ≥ 600	96.1 96.1	97.6 97.6	98.3 98.3	99.4 99.4	99.8 99.8	99.8	99.9 99.9	99.9	99.9	100.0	100.0	100.9	100.0	100.0	100.0	100.C
≥ 500 ≥ 400	96 • 1	97.6	98.3	99.4	99.8	99.8	99.9	99.9	99.9		100.0	100.0		100.0	100.0	100.3
≥ 300 ≥ 200	96 • 1 96 • 1	97.6 97.6	98.3	99.4	99.8 99.8	99.8 99.8	99.9 99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.1	1 1	- 1	99.4	99.8	99.8	99.9	99.9	1							100.0

TOTAL NUMBER OF OBSERVATIONS...

82:

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

- 66 14 PHOCESSING BRANCH USAF ETAC AIR ATATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

22508

AHEELER AFB HI

68-70,73-79

- MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VISI	BILITY (ST	ATUTE MILI	ES,						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 7	≥2	≥1%	≥1%	≥1	≥ ¼	≥ ∹•	≥ ∻	≥ 5/16	≥ .	≥0
NO CEILING	45.1	47.8	47.8	47.8	43.2	43.2		48.2			48.2			48.2		2.54
≥ 20000	48.4	51.1	51.1	51.1	52.6			51.6		$\overline{}$				51.6		51.5
≥ 18000	48.4	51.1	51.1	51.1	51.6	-	51.6	51.6			51.6			51.6		
≥ 16000	48.2	51.1	51.1	51.1	51.6			51.6			51.6				51.6	
≥ 14900	48.4	51.3	51.3	51.3	51.8						51.8			51.8		
≥ 12000	48.9	51.4	51.8	51.8	52.2			52.2		52.2	52.2	52.2		52.2		
≥ 10000	49.1	52•q	52.4	52.d			i 1	52.5	_		52.5					1
≥ 9000	50.2	53.1	53.1	53.1		_		53.6						53.6	_	
≥ 8000	50.4	53.1	53.1	53.1			1 1	53.5		53.6				1		
≥ 7000	50.2	53.1	53.1	53.1	53.6	53.6	53.6	53.0	_		53.6					
≥ 6000	50.2	53.1	53.1	53.1	53.6	53.5	53.6	53-6	53.6	53.6	53.6	53.6		53.6		
≥ 5000	51.1	54.0	54.3	54.3	54.7			54.7		54.7	54.7	54.7	54.7		54.7	
≥ 4500	54.5	57.4	57.6	57.6	53.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	1 -	58.1	58.1	58 - 1
≥ 4000	61.7	55.7	65.9	65.9			66.4	66.4	56.4	66.4	66.4				66.4	·
≥ 3500	64.8	68.8	69.1	69.1	69.5	69.5	69.5	59.5	69.5	69.5	69.5	69.5	(			1 1
≥ 3000	72.2	78.0	78.3	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9			
≥ 2500	76.7	82.5	82.7	83.0	83.4	83.4	83.4	83.4	63.4	83.4	83.4	83.4	1		1	
≥ 2000	26.5	93.7	94.6	94.8	95.3	95.3			95.3	95.3	95.3	95.3				95.3
≥ 1800	28.3	95.7	96 • 6	95.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	973		ŧ	1 (
≥ 1500	89.7	97.5	98.4	98.9									97.6			99.6
≥ 1200	89.7	97.8	98.7													100.0
≥ 1000	89.7	97.8	98.7													100.0
≥ 900	89.7	97.8	98.7								i.	1	ł	1	ι.	100 · cl
≥ 800	89.7	97.8	98.7													10C-0
≥ 700	80.7	97.8	98.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		1	100.0
≥ 600	39.7	97.8	98.7				100.0									ם•סנים
≥ 500	89.7	97.8	98.7													100.0
≥ 400	89.7	97.8	98.7													100.0
≥ ³00	89.7	97.8	98 • 7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	րոս.ո	200.0
≥ 200	89.7	97.8	98.7													100.0
≥ 100	89.7	97.8	98.7													100.0
≥ 0	89.7	97.8	98.7	99.1	100.0	1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.

446

USAF ETAC FORM 0-14-5 (OL A) MEVIOUS ECTIONS OF THIS FORM ARE DISOLETE

CATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

22508

AMEELER AFB HI

68-73,73-79

MONTH.

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING		·····					V15	BIGITY STA	ATUTE MIL	£5						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 2	≥?	≥ו'ס	≥1%	≥1	≥ ¾	≥ 24	≥ າ	≥5 16	≥.	≥0
NO CEILING ≥ 20000	46.5	41.5	41.5	41.5 45.9	41.6 47.0	1		41.6 47.1	41.5	41.6 47.1	41.6 47.1	41.6 47.1		41.6 47.1	41.6 47.1	41.6 47.1
≥ 18000 ≥ 16000	46.9	47.3	47.3	47.2 47.3		47.4 47.5	47.4 47.5	47.4 47.5	47.4 47.5		47.4 47.5	47.4 47.5	47.4 47.5	47.4 47.5	47.4 47.5	47.4 47.5
≥ 1 300 ≥ 1,000	47.2 47.2	47.5	47.5	47.5 48.2	47.7 42.3	47.7 46.3	48.3	47.7 48.3	47.7 48.3	47.7 48.3	47.7 48.3	47.7 48.3		47.7 48.3	47.7 48.3	42.3
≥ 10000	48.8 49.1	49.4	49.5	49.2 49.5	49.3	49.5	49.6	49.4	49.4 49.6		49.4		49.6	49.4	49.4	49.4
≥ 8000 ≥ 7000	49.6 50.0	50.0 50.3	50.4 50.4	50.0 50.4	30.1 50.5	50.1 50.5		50.2 50.5			50.2 50.5		50.5	50.5	50.5	50.5
≥ 6000 ≥ 5000	50.5 53.1	50.9 53.5	50.9 53.5	50.9 53.5	51.1	51.1 53.7		51.1			51.1 53.7		53.7			53.7
≥ 4500 ≥ 4000	59.8 66.8	67.5	50.3 67.6	67.6	67.7	67.7	67.8	67.8		67.8		67.8	67.8	67.8	67.8	67.8
≥ 3500 ≥ 3000	71.5 78.7 34.1	72.3 30.0	72.4 3C.1	72.5 83.3	72.6 50.4	72.6 83.4	72.6 80.4	72 • 6 8G • 4		80.4		80.4	80.4	80.4	80.4	
≥ 2500 ≥ 2000 ≥ 1800	92.7	94.9	95.3	95.6	86.0 95.9	86.0 95.9	66 • 1 96 • 0	96.1 96.0	86.1 96.0 97.6	96.0	86.1 96.0 97.7		96.0	86.1 96.0 97.7	96.0	
≥ 1500	94.7	97.6	98.2	98.6	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
> 1000	94.9	98.0	98.7		99.8	99.8	99.8	99.9	99.9	100.0	160.0	100.0	100.0	100.0	100.0	100.0
≥ 800	94.9	93.0		99.2		99.8	99.8		99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.9	98.0	98.7	99.2	99.8		99.8	99.9	99.9	100.0	100.0	100.0	100.0	160.0	100.0	100.0
≥ 400	94.9	98•0 98•0	98.7	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	130.0	100.0
≥ 200	94.9	98.0 98.0	98.7	99.2	99.8	99.8	99.8	99.9	59.9	100.0	105.0	190-0	100.0	100.0	100.0	100.5
ک ک	94.9	95.0	98.7		!	- 1	- 1	99.9	- 1	100.0					!	

TOTAL NUMBER OF OBSERVATIONS

4601

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

BATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

33508

SHEELER AFB HI

75,78

JUL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BILITY IST	ATUTE MIL	£3						
(FEET)	≥10	≥6	≥ 5	≥4	≥.3	≥2 7	≥2	≥1/2	≥1.	≥1	≥ %	≥ 2%	≥ ?	≥ 5,16	≥ .	≥0
NO CEILING ≥ 20000	22.6 28.6	28 • £	28.£ 28.£	28.6 28.6	28.6 28.6	28 • 6 28 • 6			28.5 28.5	28.6 25.6	28.6 28.6	28.6 28.6	23.6 26.6	28.6 28.6		28.6 28.6
≥ 18000 ≥ 16000	28.6	28 • 5 28 • 6	28.5 28.6	28.6 28.6	28.6 28.6			, ,	28.6 28.6	28.6 28.6	28.5 28.6	28 • 6 28 • 6	28.6 28.6	28.6 28.6	28.6 28.6	28.6 28.6
≥ 14000 ≥ 12000	26.6 23.6	28.6 28.6	28.6 28.6	28.6 28.6	28.6 28.6			23.6 28.6	28.5 28.6	28.6 28.6	28.6 28.6	28.6 28.6	28.6 28.6	28.6 28.6	28 • 6 28 • 6	28.6 28.6
≥ 10000 ≥ 9000	28.6 28.6	28.6 28.6	<del></del>	28.6 28.6		28.6	28.6		28.6 28.6	28.6			28.6 28.6	28.6 28.6	28.6 28.6	28.5
≥ 8000 ≥ 7000	28.6			28.6 28.6		28.6	28.5			1			28.6			28.6
≥ 5000 ≥ 5000	28.5 28.6	28.6	28.6	28.6 28.6	28.6	26.5	28.6	28.6		28.6	28.6		28.6	25.6	28.6	
≥ 4500 ≥ 4000	28.6	42.5	42.9	28.6 42.9	42.9	42.9	42.9		28.5 42.9	42.9	42.9	- ' ' - '	42.9	42.9	42.9	
≥ 3500 ≥ 3000	71.4		71.4				100.0		100.0		100.0		100.0		71.4 100.5	
≥ 2500 ≥ 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	103.0	100.0	130.0	100.0	100.0	100.0	100.0	100.3
≥ 1800	·	190.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	103.0	100.3	150.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	120.0
≥ 900 ≥ 860	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.3	100.0	100.0	100.0	100.0	100.0	100.0	1
≥ 700 ≥ 600	100.0	100.0	100.0		100.0	100.0	120.0	100.0	100.0	100.0	100.C	100.0	ם.מםנ	100.0	100.3	193.0
≥ 500 ≥ 400	190,		100.0		100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.3	100.0	100.0
≥ 300	100.0	100.5	100.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0ء	100.0	
≥ 100	1	<b>)</b>	100.0	1	1.	1	1						1-	1-		1 [

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC NILE 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE OBSOLETE

7

CATA PROCESSING BRANCH USAF ETAC AIT WEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

22504

B

AMEELER AFB HI

74,76-75

0300-050

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILIT' ST	ATUTE MILI	ES,						
FEET	≥10	≥6	≥5	≥4	≥3	≥2 7	≥2	≥, 7	≥1 4	≥1	≥ ′₄	≥ 3/9	≥ ;	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	57.1 57.1	57.1 57.1	3 1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57 • 1 57 • 1	57.1 57.1
≥ 18000 ≥ 16000	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1
≥ 14000 ≥ 12000	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1	57.1 57.1	57.1 57.1
≥ 10000 ≥ 9000	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1
≥ 8000 ≥ 7600	57.1 57.1	57.1 57.1	57 • 1 57 • 1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1	57.1 57.1
≥ 6000 ≥ 5000	57.1 57.1	57.1 57.1	57.1 57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1	57.1 57.1
≥ 4500 ≥ 4000 ≥ 3500	57.1	57.1	57.1	57.1	57.1	57.1		57.1 57.1 71.4	57.1 57.1 71.4	57.1 57.1	57.1 57.1 71.4	57.1 57.1 71.4	57.1 57.1 71.4	57.1	57.1 57.1 71.4	57.1 57.1 71.4
≥ 3500 ≥ 3000 ≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10.0	100.0	100.0	100.0	100.0	100.0	100.5
≥ 2000	100.0	109.0	100.0	100.Q	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.Ū
≥ 1500	100.0	199.9	100.0	100.0	100.0	100.0	198.0	100.0	160.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.8	100.0	100.C	100.0	100.0	130.0	100.0	100.0
≥ 800 ≥ 700			100.0													
≥ 600 ≥ 500			100.0													
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.D	100.0	100.0	100.0	100.0	100.0	100.9	100.0
≥ 200	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.C	100.C	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	103.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NILLABER OF ORGERVATIONS

USAF ETAC JULIA 9-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLE

BATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

225.18

HEELER AFE HI

68-75,73-79

МОНТИ

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2600-3800

CEILING							VIS	BILITY 'ST.	ATUTE MILI	Sı.						
(FEET	≥10	≥6	≥5	≥4	≥3	≥2 7	≥2	≥17	≥1%	≥1	≥ کو	≥ %	≥ %	≥ 5-16	٤.	≥0
NO CEILING ≥ 20000	53.4 55.4	53.4 56.4	56.4	53.4 56.4	53.4 56.4	1 1	53.4 56.4	53.4 56.4	53.4 56.4	53.4 56.4	53.4 56.4	53.4 56.4	53.4 56.4	53.4 56.4	53 • 4 56 • 4	53.4
≥ 18000 ≥ 16000	56.4 56.4	56.4 55.4	56.4 56.4	56.4	56.4 56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4 56.4	56.4	56.4 56.4	56.4
≥ 14000 ≥ 12000	57.4 58.2	57.4	57.4	57.4 58.2	57.4 58.2	57.4	57.4 58.2	57.4	57.4	57.4 58.2	57.4	57.4 58.2	57.4 55.2		57.4 58.2	57.4 58.2
≥ 10000 ≥ 9000	58.9 58.9	58.9 58.9	58.9	58.9	58.9	58.9	58.9 58.9	58.9	58.9	58.9	58.9	58.9	58.9 58.9	58.9	58.9	58.9
≥ 8000 ≥ 7000	59.6 59.8	59.6 59.8	59.6 59.8	59.6	59.6	1 1	59.5	59.6 59.8	11111	59.6 59.8		1	59.6 59.8	1	59.6 59.8	59.6 59.8
≥ 6000 ≥ 5000	63.5 51.7	63.7 61.8	50. ŋ 61. 8	60.7	61.8	60.7	60.7 61.8	60.7	60.7	60.7	60.7	60.7	60.7 61.8	60.7 61.8	60.7 61.8	60.7
≥ 4500 ≥ 4000	55.6 71.4	65.8 72.0	65.8 72.0	65.8 72.1	65.8	1	65.8 72.1	65.8	65.8 72.1	65.8 72.1	65.8 72.1		65.8 72.1	65.8 72.1	65.8 72.1	65.8
≥ 3500 ≥ 3600	76.2 61.9	77.2 83.1	77.2 83.1	77.4 83.4	77.5 83.5	1	77.5 83.5	77.5 83.5		77.5 83.5			77.5 83.5		77.5 83.5	
≥ 2500 ≥ 2000	84.4 90.5	86.1 93.3	86.2 93.7	80.5 94.4	86.7 94.6	1 1	86.7 94.6	86 • 7 94 • 6	86.7 94.6	86.7 94.6		86.7 94.6	86.7 94.6	86.7 94.6	86.7 94.6	86.7 94.6
≥ 1800 ≥ 1500	72.6 93.4	95.9 97.1	96.4 97.8	97.1 98.6	97.3 99.1	1 '''				97•3 99•1		97.3 99.1				97.3 99.1
≥ 1200 ≥ 1000	13.6 93.6	97.7 97.7	98 • 4 98 • 4	99.4		100.0 100.0										
≥ 900 ≥ 800	93.6 93.6	97.7 97.7	98•4 98•4	99.4	99.9	100.0 100.0	100.0	100.0	100.C	100.G	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	93.6	97.7	98•4 98•4	99.4		100.0										
≥ 500 ≥ 400	93.6	97.7 97.7	98.4 98.4	99.4	99.9	100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	93.6	97.7 97.7	98•4 95•4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.5
≥ 100 ≥ 0	93.6 93.6	97.7 97.7	98•4 93•4	99.4 99.4		100.0				0					C 1	100.0

TOTAL NUMBER OF OSSERVATIONS_

854

USAF ETAC MILLS 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DISOLETE

DATA PROCESSING BRANCH USAF ETAC 41- *EATHER SERVICE/HAC

#### CEILING VERSUS VISIBILITY

20508

AFIELER AFB HI

66-70,73-79

JUL

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2900-1100

CEILING							VIS	BILITY 'ST.	ATUTE MIL	ES						
FEET	≥10	≥6	≥5	≥4	≥3	≥2 7	≥ 2	217	≥1 2	≥1	کار	≥ >,	≥ າ	≥5 16	≥ .	≥0
NO CEILING ≥ 26300	47.1 49.7	47.2 49.8	47.2 49.8	47.2	47.2 49.8	47.2 49.3	47.2 49.8	47.2 49.8		1		47.2 49.8	47.2 49.8	47.2 49.8	47.2 49.8	47.2 49.8
≥ 18000 ≥ 16000	49.7	49.9		49.8 49.8	49.8	49.8	49.8 49.8			49.8 49.8		49.8 49.8	49.8 49.8		49.3 49.8	49.8 49.8
≥ 14000 ≥ 12000	50.7 51.5	5ū•8 51•6		50.8 51.5	53.8 51.6	50.8 51.6	50.8 51.6	_		50.8 51.6	50.8 51.6	50.8 51.6	50.8 51.6	50 · 8 51 · 6	50.8 51.6	50.8 51.6
≥ 10000 ≥ 9000	51.7 51.7	51.8 51.8	51.8 51.8	51.8 51.8	51.8 51.8	51.8 51.8	51.8 51.8		51.8 51.8	51.8 51.8	51.8 51.8	51.8 51.8	51.8 51.8	51.8 51.8	51.8 51.8	51.8
≥ 8000 ≥ 7000	52.2 52.5	52.5 52.6		52.3 52.6	52.3 52.5	52.3 52.6	52.3 52.6	52.6	52.3 52.6	52.3 52.6		52.3 52.6	52.3 52.6	52.3 52.6	52.3 52.6	52.3 52.6
≥ 6000 ≥ 5000	55.4	53.6 55.6	55.6	53.6 55.6	55.6	53.6 55.6	53.6 55.6	55.6	55.6	53.6 55.6	55.6	55.6	53.6 55.6	55.6	53.6 55.6	53.6 55.6
≥ 4500 ≥ 4000	£3.7	63.4 71.5	71.5	71.5	63.4 71.5	71.5	63.4 71.5	71.5	71.5		63.4 71.5	63.4 71.5	63.4 71.5	63.4 71.5	63.4 71.5	63.4 71.5
≥ 3000 > 3000	77.6 82.8	78.6 84.4	84.6	78.7 64.6	78.7 84.6	78.7 84.6	78.7 84.6	78.7 84.6		78.7 84.6	78.7 84.6	84.6	78.7 84.6	78.7 84.6	78•7 84•6	78.7 84.6
≥ 2500 ≥ 2000	26.6 91.9	94.3	94.7	88.6	88.6 95.0	88.6 95.0	28.6 95.3	95.3	95.3	88.6 95.3	95.3	95.3	88.6 95.3		88.6 95.3	88.6 95.3
≥ 1800 ≥ 1500	94.4	97.6	97.4	98.8	99.1	97.7 99.2	98.D 99.6		98.1 99.7	98.1 99.7	98.1 99.7	99.7	98 • 1 99 • 7	98.1	98 • 1 99 • 7	98.1
≥ 1200 ≥ 1000	94.6	97.8 97.8	98.5	99.0	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900 ≥ 800	94.6	97.8 98.0	98.6	99.1	99.5	99.5		100.0	100.0		180.0	100.0				
≥ 700 ≥ 600	94.7	98.0 98.0	98.6 98.6	99.1	99.5	99.6	99.9	100.0	100.C 100.O	100.0	100.0	100.0	100,0	100.0	100.0	150.0
≥ 500 ≥ 400	94.7	98•0 98•0		99.1	99.5	99.6	79.9	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 300	94.7	98.0 98.0	98.6	99.1	99.5	99.6	99.9	190.0	100.0	100.7	100.0		100.C	100.0	100.0	لــــــــــــــــــــــــــــــــــــــ
≥ 100 ≥ 0	94.7	98.0 98.0	98.6 95.6	99.1 99.1	99,5	99.6			1							100.0

TOTAL NUMBER OF OBSERVATIONS

927

USAF ETAC 1004 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE DISCRET

- BATH PROCESSING BRANCH CLAT ETAC ALP REATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

22538

L

AMEELER AFB HI

66-70,73-79

701

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	BILITY STA	ATUTE MIL	ES						
FEET	≥10	≥6	≥5	≥4	≥3	≥2יז	≥2	≥: 2	≥1 2	≥1	≥ ¾	≥ '⊐	≥ ?	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	49.7 51.2	48.7 51.2	46.7 51.2	45.7 51.2	48.7 51.2	43.7 51.2	48.7 51.2	48.7 51.2	45.7 51.2	48.7 51.2	48.7 51.2	51.2	45.7 51.2	-	48.7 51.2	48.7 51.2
≥ 18000 ≥ 15000	51.2 51.3	51.3 51.3	51.2 51.3		51.2 51.3	51.2 51.3		51.2 51.3	51.2 51.3	51.2 51.3		51.2 51.3	51.2 51.3		51.2 51.3	51.2 51.3
≥ 14000 ≥ 12000	51.9 53.1	51.8 53.1	51.8 53.1	51.8 53.1	51.8 53.1	51.8 53.1	51.8 53.1	51.8 53.1	51.8 53.1	51.8 53.1	51.8 53.1	51.8 53.1	51.8 53.1	51.8 53.1	51.8 53.1	51.8 53.1
≥ 10000 ≥ 9000	54 • 1 54 • 2	54.2 54.3	54.2 54.3	54.2 54.3	54.2 54.3	54 • 2 54 • 3	54 - 2 54 - 3	54 • 2 54 • 3	54.2 54.3	54.2 54.3	54.2 54.3		54.2 54.3		54 • 2 54 • 3	54.2 54.3
≥ 8000 ≥ 7000	55.3 55.5	55.4 55.6	55.4 55.6	55.4 55.6	55.4 55.6	55.4 55.6		55.4 55.6	55.4 55.6	55.4 55.6	55.4 55.6	55.4 55.6	1	55.4 55.6	55.4 55.5	55.4 55.6
≥ 6000 ≥ 5000	56.8 59.5	5c.9 59.7	56.9 59.7	56.9 59.7	56.9 59.7	56.9 59.7	56.9 59.7	56.9 59.7	56.9 59.7	56.9 59.7	56.9 59.7	56.9 59.7		59.7	56.9 59.7	
≥ 4590 ≥ 4000	67.9 73.7	68.1 74.0	68.1 74.0	74.0	68.1 74.0	66 • 1 74 • 0	68.1 74.0		68 • 1 74 • E	68.1 74.0	68.1 74.0	68•1 74•0	68.1 74.0	58 • 1 74 • 0	63.1 74.0	68.1 74.D
≥ 3500 ≥ 3000	30.0 65.5	ε5.1	80.5 86.1	86.2	86.3	80.5 86.3	86.3	80.5 86.3	80.5 86.3	80.5 85.3	86.3	86.3		86.3		86.3
≥ 2500 ≥ 2000	90.5 96.5	91.8 97.9	91.8 95.1	91.9 95.2	92.0 98.3	92•1 98•4			92•1 98•4	92.1 98.4						
≥ 1800 ≥ 1500	97.4	96.8 99.1	99.4		90.6	99•2 99•7	99.7	99.2 99.7	99•2 99•7	99.2	99.7	99.7		99.2 99.7	99.2 99.7	
≥ 1200 ≥ 1200	97.4 97.4	99.2	99•5 99•5		99.7	99.8 99.8	99.3	99.8 99.8	99.8		99.8	99.8		99.8	99.8	
≥ 900 ≥ 800	97.4	99.2		99.6	99.7	99.8 99.8	99.8		99.8 99.8	99.9	99.9	99.9	99.9	99.9		
≥ 700 ≥ 600	97.4	99.2			99.8	99.9		99.9	99.9	100.0	100.0	100.6	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	97.4	99.2		99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.3	100.0	100.0	100.0	100.0	100.0
≥ 300	97.4	99.2	99.5	99.6	99.8		99.9	99.9	99.9	100.0	100.0	190.0	106.0	100.0	100.0	100.0
≥ 100 ≥ 0	97.4 97.4	רייון		1		99.9								100.0		

TOTAL NUMBER OF OBSERVATIONS_

<u> 526</u>

USAF ETAC AT 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CATA PROCESSING BRANCH USAF FTAC 41- REATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

27578 *FEELER

68-70,73-79

1500-1700

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		·					VIS	BILITY ST	ATUTE MILI	ES						
FEE:	≥10	≥6	≥5	≥4	≥3	≥2 7	≥2	≥17	≥1.	≥1	≥ 1.4	24	≥ 5	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	51.4	51.4 54.2	51.4 54.2			51.5	. 1		- 1	1	1	51.5 54.4		51.5 54.4	i i	,
00081 ≤	54.6	54.3 54.5	54.5	54.4	54.4	54.4	54.6	54.6	54.6	54.5	54.6	54.6	54.6	54.6	54.6	54.6
≥ 14000 ≥ 12000	55.2 56.1		55.2 56.1		55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4			55.4
≥ 10006 ≥ 2000	57.0 57.2	57.2	57.2 57.3	57.4		57.4 57.5	57.5	57.5	57.5	57.5		57.5	57.5	57.5	57.5	57.5 57.6
≥ 8000 ; ≥ 7000	57.7	57.8 58.6	57.6 58.3	58.0		58.0 59.0	58.1	58.1	59.1	58.1	58.1	58.1	58.1	58.1 59.1	58.1	58.1
≥ 6000 ≥ 5000	59.7	59.8	59.8		60.0	50.0 51.9	00.1	6G•1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	
≥ 4500 ≥ 4000	58.U	68.1	68.1 75.5		68.3	58.3 75.7	68.4	68.4	68.4	58.4	68.4		68.4	68.4	68.4	68.4
≥ 3500 ≥ 3000	79.3 85.5		79.6		79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 2500 ≥ 2000	95.4		91.6	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	
≥ 1800 ≥ 1500	96.4	98.4	98.5	99.0	99.1	99.1	99.2	99.2	99.2	99.2		99.2		99.2	99.2	99.2
≥ 1200 ≥ 1000	97.0	98.9	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 900 ≥ 800	97.0	98.9	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	
≥ 700 ≥ 600	97.5	98.9	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 500 ≥ 400	97.0	98.9	99.3	99.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	97.0	98.9	99.3		99.9	99.9	190.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	97.0 97.0	98.9 95.9	99.3	99.8 99.8		99.9	100.0	100.0	100.0	10G.0	180.0	100.0	100.0	100-0	100.0	

TOTAL NUMBER OF OBSERVATIONS

922

USAF ETAC ARM 0-14-5 (OL A) MENOUS SOTIONS OF THIS FORM ARE ORIGINAL

- 54 14 PROCESSING BRANCH LAF ETAC - AIP WEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

225 Jd AMIELER AFB HI

68-70,73-79

1500-5000

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES CEILING FEET >5 14 >0 ≥1 ÷ 55.0 55.0 55.0 55.0 55.0 55.0 55.0 NO CEILING 55.Q 55 · Q 55.0 55.0 55.0 55.0 55.0 55.0 59.2 58.2 58.2 56.2 56.2 58.2 53.2 58.2 ≥ 18000 53.3 57.9 58.3 58.3 5ā.3 58.3 53.3 ≥ 16000 67. 5e.3 58.3 58.3 58.3 ≥ 14000 58 - 8 58 - 8 ≥ 12000 59.5 59.0 59.5 59.5 59.3 ≥ 10000 ≥ 9000 61.3 61.4 50.8 63.8 61.4 61.4 60.3 60.8 > 7000 50.8 61.9 61.9 61.9 61.9 61.9 61.9 61.9 61.9 51.9 61.9 61.9 61.9 61.9 61.9 ci.3 ≥ 5000 63.1 63.1 63.1 63.1 63.1 63.1 63.1 63.1 63.1 63.1 63.1 63.1 63.1 66.9 56.9 73.2 73.2 56.7 73.5 66.9 66.9 73.2 73.2 4500 2 66.9 66.3 ≥ 4000 73.2 73.2 72. 73.2 ≥ 3500 ≥ 3000 76.1 77.0 77.1 77.1 77.1 77.1 77.1 53.7 85.7 ≥ 2500 ≥ 2500 35. 88.9 89.0 89.0 89.0 95.8 92.4 95.8 95.9 74.3 ≥ 1800 ≥ 1500 97.3 98.1 98.2 98.3 99.2 95.d 98.8 99.4 99.5 95. 99.4 99.8 1200 98.5 99.4 ≥ 1000 99.8 95.0 98.8 99.2 99.4 98.8 99.4 99.3 0.0010.0010.0010.0010.0010.0010.0010.0010.0010.0010.0010.00 99.2 800 95.0 98.8 99.2 99.4 99.8 99.4 99.8 98.8 99.2 600 98-8 99-2 99.8 95.0 99.4 500 95. 98.8 99.2 99.4 99.8 99.2 99.4 99.6 99.8 99. 300 59.B 98.8 99.2 99.5 99.4 99.9100.d100.d100.d100.0100.0100.ch00.0h00.oh00.ch 95. 100 o.ccdc.ocdo.ado.ado.cdc.cdca.clco.cdco.ado.co.dco.cdco.cdc

TOTAL NUMBER OF OBSERVATIONS...

82

USAF ETAC ALSA 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE ORBIGITE

TATA PROCESSING BRANCH USAF ETAC AIR AFATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

2.008_ ASEELER AFB HI

58-70,73-79

2123-2309

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

· CEN NO							√IS:	BIGITY STA	TOTE WILL	ES .						
*EE" *	≥'9	≥٥ .	≥5	≥4	≥3	≥2 :	≥2 i	≥13	≥1.	≥۱ i	مۂ ≤	≥ '•	≥ ;	≥5 16	≥.	≥s 1
NO CEILING ≥ 20000	54.5	56.7	56.7	56.7	36.7	55.7	55.7	55.7	56.7	1	56.7					
	54.7	57.3	57.3	57.0	57.0	57.0	57.0	57.0	57•G		57.C	57.0		57.C	57.3	
≥ 8000	54 - 7	57.3	57.3	57.0	57.0	57.g	57.0	57.0	57.C		57.0	57.0		57.0		
≥ .4000	54 • 7	57.1	57.3	57.0	57.3	57.0	57.0	57.3	57.0		57.0	57.0		57.0		
≥ 14000	55.4	57.5	57•6j	57.5	57.6	57.4	57.6	57.6	57.6	57.6	57.5	57.6		57.6	57.6	,
≥ :2000	55.5	57.8	57.8	57.5	57.6	57.8		<u>57.8</u>	57.5	57.8	57.8	57.8		57.8		57.8
≥ '2000	55.8	58.1	58.1	53.1	58 • 1	5ê. L	58 • 14	55• l	58 - 1	58.1	58.1	58.1	58.1	55.1	58.1	58.1
_ ≥ ∞∞	<u> 55.9</u>	55.1	58.1	1.52	53.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	53.1	58.1	58.1	58.1
2003 ≤	55.4	58. I	58 - 1	58.1	52.1	58.7	58.1	58.1	53.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 7000	55.1	_5 ខ <u>្. ៩</u>	56.5	55.5	Sε•5	58.5	53.5	58.5	58.5	5ê.5	58.5	58.5	56.5	58.5	58.5	58.5
≥ 5000	55.3	3.7	53.7	58.7	58.7	52.7	7.55	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 5000	1.53	60.7	60.7	60.7	60.7	50.7	60.7	50.7	60.7	60.7	60.7	60.7	63.7	60.7	60.7	60.7
≥ 4500	50.g	33.I	53.5	63.6	63.6	63.5	63.6	53.6	63.6	53.6	63.£	63.6	63.6	53.5	63.6	63.6
_ ≥ 4000	04. Ž	C.56	68.4	58.4	68.4	68.4	69.4	62.4	58.4	68.4	68.4	65.4	68.4	58.4	68.4.	56.4
≥ 3500	£7.8	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 3900	75.È	E0.4	50.d	81.2	51.5	ē1.5	21.5	81.5	61.5	51.5	81.5	81.5	81.5	81.5	81.5.	61.5
≥ 2500	77.0	23.4	83.9	34.3	84.5	84.5	34.5	£4.5	54.5	34.5	84.5	84.5	34.5	84.5	84.5	84.5
≥ 2000	85.7	93.8	94.3	95.1	95.6	95.5	95.6	95.6	95.6	95.6	95.6	95.5	95.5	95.5	95.6	95.6
≥ '800	36.5	95.5	95.0	96.9	97.4	97.4	97.4	97.4	97.4		97.4			97.4		97.4
1 ≥ 1500	27.9	97.1	97.8	98.9		100.d	100.0	100.0	100.0		100.0	1		130.0	100.0	
≥ 700	:7.9	97.1	97.8	98.9	97.8								199.0			
≥ :000	57.9	97.1	97.8	98.9			100.0	100.0	.03.C	100.6	100.C	100.0	100.0	160.0	100.0	100.0
≥ 900	=7.9	97.1	97.8	98.9	99.8								100.0			
, ≥ 800	37.9	97.1	97.8	98.9	99.5	100.0	190.d									,
≥ 706	37.9	97.1	97.3	98.9	99.8		100.0						100.0			
≥ 600	37.3	97.1	97.0	98.9	99.8	20.0	100.0	20.0	100.0							
≥ 500	57.9	97.1	97.8	98.9	99.8			20.0					100.C			
1 2 400	67.9	97.1	97.8	98.9			100.d				1					,
≥ 300	67.9	97.1	97.5	98.9			100.0									
1 ≥ 200	87.9	97.1	97.8	98.9		•	100.d							•		
	67.9	97.1	97.8	98.9			100.0									
≥ 00	27.g	97.1		98.9			100.0					- 1				
لتستا	6103	7 7 4 4	71.0	70.3	33 · Q	: 03 • U	100.4	. JU • U		10000	100.0	100.0	120.0	100.6	100.0	130.0

TOTAL NUMBER OF OBSERVATIONS_

453

USAF ETAC ALM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DEBOUT

ALATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

65-73,73-79

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING !							<b>∨15</b> 19	Bristy STA	TUTE MALE	5						
FEE7	≥10	≥6	≥5 .	≥4	≥3	≥27	≥7	≥1 7	≥1	≥,	≥اد	≥ '•	≥ - ,	≥5 16	<b>≥</b> • ₁	≥c
NO CERENG : ≥ 20000	51.2	51.5 5*.1	51.5	51.5	51.6	51.6	51.6	51.d	51.6	51.5	51.6	51.5			51.5	
≥ 18005 ≥ 15000	53.8	54.2	54.1:	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	5= - 2	54.2	54.2	54.2	5+.2
≥ '4000 ≥ 12000	53.9	54.9	54.2	54.2 54.9	54.2	54.7	54.9	54.9	50.9	54.2	54.9	54.9	54.2		54.2, 54.9	
≥ ¹0000	55.4 55.1		55.7 56.4	55.3 56.4	55.8	55.5 56.4	55.8 56.5	55.8 56.5	55.5 56.5	55.5 56.5	55.5 56.5		55 - 5 56 - 5	55.5. 56.5	55.8 55.5	
≥ 9000	56.1 55.8	56.5 57.1	55.5 57.1	56.5 57.2	55.5 57.2	55.5 57.2	56.5	56.5 57.2	56.5 57.2	56.5 57.2	56.5	57.2	55.5 57.2			56.5 57.2
≥ 7000	57.2		57.5 58.7	57.8	57.6	57.5	57.6	57.6	57.5	57.6	58.5		5	57.5	57.5	57.5
≥ 5000 ≥ 4500	59.5	63.3	60.3	60.3	<u>55.3</u>	50.3	60.3	60.3	63.3	6C.3	60.3	62.3	5C.3	£0.3	60.3	<u> 50.3</u>
2 4000	71.9		72.7	56.2 72.5	56.2 72.8	72.5	72.8	56.2 72.5	72.5	56.2 72.8	66.2 72 8	66.2 72.6	72.8		72.5	72.8
≥ 3500 ≥ 3500	75.9	84.7	78.7	73.1 35.1	78.1 25.0	73.1 55.3	78.1 25.0	78.1 25.0	78.1 85.3	76.1 85.2	75.1 55.0		79.] <u>85.0</u>	78.1 85.3	73.1. 85.0	7ê.1 <u>25.0</u>
≥ 2500 ≥ 2000	95.8		39.J	59.2 96.1	8°•3 95 <u>•3</u>	99.3 96.3	69.3 96.4	59.3 96.4	89.3 96.4	89.3 96.4	39.3 96.4		99.3			89.3' 96.4,
≥ 1800 ≥ 1500	94.2		97.5	95.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	38.4	98.4	98.4	98.4	98.4
≥ 200 ≥ 1000	94.9		98.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.5	99.9		99.9	99.9
≥ 900   ≥ 800	)4 9 94 9	98.4	98.9	99.4	99.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	09.9	99.9
≥ 706 ≥ 800	74.9	98.4	98.9	99.4	99.8	99.9	100.0	100.0	100.9	100.0	100.5	193.0	100.0	100.0	100.9	100.6
≥ 500	74.9	93.4	98.9	99.4	99.8 99.8	99.9	100.0	100.0	00.0	100.0	100.0			100.0		130.C
≥ 400	74.9		98.9	99.4	99.8	99.9	100.9	100.0	100.G	100.0	100.0	100.3		100.0	100.0	
≥ 200	94.9	98.4	98.9	99.4	99.8		100.0	100.d		100.0		100.C		139.3		100.0
≥ 0	94.5	95.4	98.5	99.4	99.8	99.9	100.d	100.0	00.00	100.0	100.C			100.6		

DATA PROCESSING BRANCH USAF ETAC AIR ASATHER SERVICE/MIC

#### CEILING VERSUS VISIBILITY

2251c MEELER AFB HI

67,74,77-78

AUG

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VIS	IBILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2′7	≥ 2	≥1½	≥1'4	≥1	≥ 3,4	≥ ½	≥ '5	≥5 16	≥ '.	≥0
NO CEILING ≥ 20000	20.0	20.0	20.0 20.0	20.0	20.0	20.0 20.0			20.0			20.0 20.0		20.0 20.0	20.0 20.0	20.C
≥ 18000 ≥ 16000	50.0	20.U 28.0	20.0	20.0	20.0 20.0	20.0			20.0		'-	20.0 20.0			20.0 20.0	20.0 20.0
≥ 14000 ≥ 12000	20.0 20.0		20.0 20.0	20.0	20.0	20.0	20.0	20.0		20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 10000	20.0		20.0	20.0	20.0		20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 8000 ≥ 7000	20.0		20.0	20.0			20.0	20.C	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
_ 5000	20.0			20.0	20.0		20.0	20.0		20.0	20.0	20.0	20.0	20.0	20.0	
≥ 4500 ≥ 4000	20.0	20.0	20.0	20.0	20.0		20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 3500 ≥ 3000	40.0 60.0		60.0	60.0			60.0	60.0		60.0	60.0	60.0	60.0	60.0	60.0	
≥ 2500 ≥ 2000		100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.5
≥ 1000	90.0	100.0	100.0	100.0	100.0	100.0	106.0	100.0	100.0	100.0	160.0	100.0	163.0	100.0	10.0	100.0
≥ 900 ≥ 800	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	108.6
≥ 700 ≥ 600	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.C
≥ 500 ≥ 400 ≥ 300	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	150.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100				100.0												

TOTAL NUMBER OF OBSERVATIONS

10

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

- FATA- PROCESSING BRANCH USAF STAC AI- WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

22503

WHEELER AFB HI

67-70,73-78

ALG

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-0800

CEILING							VIS	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥212	≥ 2	≥1%	≥1'4	≥1	≥ ¾	≥ ¾	≥ '5	≥5 16	≥ ′4	≥0
NO CEILING ≥ 20000	54.2 57.7	54.4 57.9	54.6 58.1	54.6 58.1	54 • 6 58 • 1	54.6 58.1	54.6 58.1	54.6 58.1	54.6 58.1	54.6 58.1	54.6 58.1	54.6 58.1	54 • 6 58 • 1	54.6 58.1	54.6 58.1	54.6 58.1
≥ 18000 ≥ 16000	58.0 56.2	58.2 58.5	58.5 58.7	58.5 58.7	58.5 58.7	58.5 58.7	58.5 58.7	58.5 58.7	58.5 58.7	58•5 58•7	58.5 58.7	58.5 58.7	58.5 58.7	, ,	58.5 58.7	58.5 58.7
≥ 14000 ≥ 12000	59.2 59.8	59.4 60.1	59.5 60.3	59.6 6[.3	59.6 60.3	59.6 60.3	59.6 60.3	59.6 60.3	59.6 60.3	59.6 60.3	59.6 60.3				59.6 60.3	59.6 60.3
≥ 10000 ≥ 9000	51.1 61.2	61.4 61.5	61.7 61.8	61.7	61.7 61.8	61.7 51.8	61.7 61.8	61.7 51.8	61.7	61.7 61.8	61.7 61.8	61.7 61.8	61.7	61.7 61.8	61.7 61.8	61.7
≥ 8000 ≥ 7000	61.8	62.1 62.2	62.5	62•3 62•5	62.5	62.3 62.5	62.3 62.5	62.3 62.5		62.3 62.5	62.3 62.5					
≥ 6000 ≥ 5000	62.2 64.7	62.6 65.1	62.9 65.5	62.9 65.5	62.9 65.5	52.9 65.5	62.9 65.5	62.9 63.5	62.9 65.5	62.9 65.5	62.9 65.5	62.9 65.5		1 1	62.9 65.5	62.9 65.5
≥ 4500 ≥ 4000	68.8 74.2	74.6	75.1	69.6 75.3	69.6 75.3	69.6 75.3	69.6 75.3	09.6 75.3	69.6 75.3	69.6 75.3	69.6 75.3	69.5 75.3	69,6 75.3	1 1		69.6 75.3
≥ 3500 ≥ 3000	78.2 81.6	82.4	79.2 83.5	79.5 83.4	79.5 83.4	79.5 83.4	79.5 83.4	79.5 83.4	79.5 83.4	79.5 33.4	79.5 83.4	79.5 83.4	79.5 83.4		83.4	79.5 83 4
≥ 2500 ≥ 2000	83.7 91.4	85.0 93.3	94.0		86.0 94.4	\$6.0 94.4	86 • E 94 • 4	86.0 94.4	86.C 94.4	86.D 94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800 ≥ 1500	93.2	95.2 97.2	95.9 98.1	96.2 98.5	96.4	96.4 98.7	96.5 98.9	96.5 98.9	96 • 5 98 • 9				99.0	99.0	99.0	
≥ 1200 ≥ 1000	95.0 95.0		98 • 6 98 • 7	99.1 99.2	99.4		99.5	99•5 99•7	99•5 99•7	99.7 99.8					99.9	
≥ 900 ≥ 800	95.0 95.0	97.7	98.7 98.7	99.2 99.2	99.5 99.5	99.5 99.5	99.7 99.7	99.7 99.7	99•7 99•7	99.8 99.8	99•8 99•8		99.9	99.9	99.9	99.9
≥ 700 ≥ 600	95.0 95.0	97.7	98.7 98.7	99.2 99.2	99.5 99.5	99.5 99.5	99.7	99•7 99•7	99.7	99.8 99.8				99.9		
≥ 500 ≥ 400	95.0 95.0		98.7 98.7	99.2	99.5 99.5	99.5		99.7	99.7 99.7		99.8	99.8		99.9	99.9	99.9
≥ 300 ≥ 200	95.0	97.7	98.7	99.2	99.5 99.5	99.5	99.7	99.7	99.7		99.9		100.0	100.0	100.0	100.0
≥ 100 ≥ 0	95.0 95.0		98.7 98.7	99.2	99.5 99.5		99.7 99.7	99•7 99•7	99.7 99.7	99.8 99.8	99.9 99.9			100.0		

TOTAL NUMBER OF OBSERVATIONS...

879

USAF ETAC FORM 0-14-5 (OL

EVIOUS EDITIONS OF THIS FORM ARE OBSOLET

EATA PROCESSING BRANCH USAF ETAC AIP MEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

22503

WHEELER AFB HI

67-73,73-78

AUG

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0906-1100

CEILING							VIS	BILITY 'ST.	ATUTE MILI	ES:						
FEET	≥10	≥6	≥5	≥4	≥3	≥2 2	≥ 2	≥1/2	≥1′2	≥1	≥ 3.	≥ %	≥ %	≥5 16	≥ .	≥0
NO CEILING	47.7	47.8	47.8	- 1	48.C	43.0	48.G	48.0		48.0			48.0	48.0		48.C
≥ 20000	53.9	54.0	54.3	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 18000	-4.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54 • 4	54.4	54.4	54.4	54.4	54.4
≥ 16000	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5		54.5	54.5	54.5	54.5
≥ 14000	9 4 و	54.7	54.7	54.7	54.8	54.8	54.8	54.8	1	54.8	54.8		54.8	54.8	54.8	54.8
≥ 12000	54.9	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55,2		55.2
≥ 10000	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1		56.1
≥ 9000	56.1	56.2	56.2	56.2	56.3	_5 <u>6•3</u>	56.3			56.3	56.3	56.3		56.3		56.3
≥ 8000	56.3	56.5	56.5	56.5	56.6		56.6	56.6		56.6	56.6		56.6	56.6		56.6
≥ 7000	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2		57.2
≥ 6000	58.Q	53.2	53.2	58.2	58.3	58∙3∤	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 5000	51.3	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 4500	67.2	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 4000	72.4	72.6	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 3500	75.9	76.5	76.5	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.	76.8	76.8	76.8	76.8	76.8
≥ 3000	80.4	81.1	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	21.4	81.4	81.4
≥ 2500	26.0	87.1	87.3	87.4	87.6	67.6	37.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	93.5	94.5	95 • 1	95.2	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	54.9	96.3	96.6	96.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	96.0	97.5	98.0	98.1	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	96.0	97.6	98.2	93.3	98.7	95.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	96.0	97.6	98.2	98.3	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	96.0	97.6	98.2	98.3	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	96.d	97.6	98.2	98.3	98.9	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.5	99.6	99.6
≥ 700	96.0	97.6	98.3	98.5	99.1	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	96.Q	97.6	98.3	98.5	99.1	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	96.0	97.6	98.3	98.5	99.1	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	96.0	97.6	98.3	98.5	99.1	99.4	99.8	190.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.0	97.6	98.3	98.5	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.0	97.6	98.3	98.5	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100 ج	96.0	97.6	98.3	98.5	99.1	99.4	99.8	100.0	100.0	100.0	100.0	10C.0	100.0	100.0	100.0	100.0
≥ 0	96.0	97.6	98.3	98.5	99.1	99.4	99.8	100.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS_

930

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

--GATA PROCESSING EFANCH USAF ETAC AIR MEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

22308

AHEELER AFB HI

67-70,73-78

AUG

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1289-1400 mouts 431

CEILING							VIS	BILITY (ST	ATUTE MILI	ESı					· · · · · · ·	
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥2.2	≥ 2	≥177	≥1%	≥1	≥ ¾	≥ '⁄₁	≥ ′5	≥5:6	≥ .	≥0
NO CEILING ≥ 20000	53.4 59.5	53.7 59.7	53.7 59.7	53.7 59.7	53.7 59.7	53.7 59.7	53.7 59.7	53 • 7 59 • 7	53.7 59.7	53.7 59.7	53.7 59.7	53.7 59.7	53.7 59.7	53.7 59.7	53.7 59.7	53.7 59.7
≥ 18000 ≥ 16000	59.6 59.7	59.8		59.8 59.9	59.8	59.8	59.8 59.9	59.8 59.9	59.8 59.9	59.8 59.9	59.9	59.8 59.9	59.8 59.9	59.8 59.9	59.8 59.9	59.8
≥ 14000 ≥ 12000	50.5 51.3	60.8 61.5	60.8 61.5	50.8 61.5	60.8 61.5	60.8	60.8 61.5	60.8 61.5	60.8 61.5	60.8 61.5	60.8 61.5	60.8	60.8	60.8 61.5	60.8 61.5	60.8 61.5
≥ 10620 ≥ 9000	62.2	62.4 52.4	62.4	62.4	62.4	62.4	62.4	62.4 62.4	62.4	62.4 62.4	62.4 62.4	62.4	52.4 62.4	62.4	62.4 62.4	62.4
≥ 8000 ≥ 7000	52.5 52.6	62.8		62.5	62.5	62.5 62.5	62.5	62.5	62.5	62.5	62.5 62.8	62.5	62.5	62.5 62.8	62.5	62.5
≥ 6000 ≥ 5000	63.7 56.0	63.9	63.9 66.2	63.9	63.9	63.9 66.2	63.9	53.9 66.2	63.9	63.9 66.2	63.7 66.2	63.9	63.9 66.2	63.9 66.2	63.9 56.2	63.9
≥ 4500 ≥ 4000	71 • 1 75 • 1	71.3	71.3 75.3	71.3	71.3	71.3 75.3	71.3	71.3 75.5	71.3 75.5	71.3 75.5	71.3 75.5	71.3 75.5	71.3 75.5	71.3 75.5	71.3	71.3
≥ 3500 ≥ 3600	79 • 8 93 • 5	80.0 84.1	80.0 84.1	80.1	80.2 84.4	80.2 84.4	80 • 4 84 • 6	80.4	80.4 84.6	80.4 84.6	80.4 84.6	80.4 84.6	80.4	80.4 84.5	80.4 84.6	8D.4 84.5
≥ 2500 ≥ 2000	90.6 95.9	91.5	91.5 97.1	91.7	91.9 97.6	92.0 97.8	92.3 98.1	92.3 98.1	92.3 98.1	92.3 98.1	92.3 98.1	92.3 98.1	92.3 98.1	92.3 98.1	92.3 98.1	92.3
≥ 1800 ≥ 1500	97.0 97.1	98.4	98.4 98.5	98.7 98.8	98.9 99.0	99.1	99.4	99.4 99.5	99.4 99.5	99.4	99.4 99.5	99.4 99.5	99.4	99.4	99.4	99.4
≥ 1200 ≥ 1900	97•2 97•2	95.6 98.6	98.8 98.8	99.1	99.4	99.6	99.8	99.8 99.8	99.8	99.8 99.8	99.8 99.8	99.8	99.8	99.8 99.8		
≥ 900 ≥ 800	97•3 97•3	98.7 98.7	98.9 98.9	99.2	99.5	99.7 99.7	99.9	99.9	99.9	99.9 99.9	99.9 99.9	99.9	99.9	99.9		99.9
≥ 700 ≥ 600	97•3 97•3	98.7 98.7	98.9 98.9	99.2	99.5 99.5	99.7 99.7	99.9	99.9	99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9		99.9
≥ 50° ≥ 400	97.3 97.3	98.7 98.8	98.9 99.0	99.2	99.5	99.7	99.9 100.0	99.9	99.9	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 180.0	99.9 100.0	99.9
≥ 300 ≥ 200	97.3 97.3	98.8 98.8	99.0 99.0	99.4	99.6 99.6		100.0 100.0	-							100.0	
≥ 100 ≥ 0	97.3 97.3	98 • 8 98 • 8	ו יי	99.4 99.4	99.6 99.6		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	190.0 100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

5 3

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

DATA PROCESSING BRANCH USAF ETAC AIF *EATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

22538

AHEELER AFB HI

67-79,73-78

AUG

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-170

CEILING							VIS	BILITY (ST)	ATUTE MILI	ES1						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥2 7	≥ 2	≥1%	اند ا≤	≥1	≥ 14	≥ '⁄₀	≥ '5	≥5 16	≥ 4	≥0
NO CEILING ≥ 20000	55.4 01.5	55.4 61.6	55.4 61.6	55.4 61.6	55.4 61.6	55.4	55.4 61.6	55.4 61.6	55.4 51.6	55.4 61.6	55.4 61.6	55.4 61.6	55.4 61.6	55.4 61.6	55.4 61.6	55.5
≥ 18000 ≥ 16000	t1.6 £1.6	61.6 61.6	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6 61.6	61.6	61.6	61.6	61.6	61.7
≥ 14000 ≥ ·2000	62.9 63.6	62.9 63.8	52.9 63.5	62.9 63.8	62.9 63.8	52.9 63.8	62.9	62.9 53.8	62.9 63.8	62.9 63.8	62.9 63.8	62.9	52.9 63.8	62.9	62.9 63.8	63.0
≥ 10000 ≥ 9000	54.6	64.5	54.6 54.6	64.8 64.6	64.6 64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7
≥ 8000 ≥ 7000	64.9 64.9	54.8 64.9	64.8 64.9	64.8 64.9	64.8 64.9	64.8	64.8	64.8	64.6	64.8	64.8 64.9	64.8	64.8	64.8	64.8 64.9	64.9
≥ 6000 ≥ 5000	67.5	66.D 67.5	66.3	66.C	66.0 67.5	56.0 67.5	66.D 67.5	56.D 67.5	66.D 67.5	66.0 67.5	66.D 67.5	66.D 67.5	66.0 67.5	66.0 67.5	36.D 67.5	66.1 57.6
≥ 4500 ≥ 4000	72•3 73•6	72.3 78.6	72.3 78.6	72.3 78.6	72.3 78.6	72 c 3 78 • 6	72:3	72.3 78.6	72.3 78.6	72.3 78.6	72.3 78.6	72.3 78.6	72.5 78.6	72.3 78.6	72.3 78.6	72.4 78.7
≥ 3500 ≥ 3000	2.0 88.1	82.0 88.4	82.J 88.4	82.U 88.4	82.0 85.5	82.0 88.5	82.0 68.5	82.0 88.5	82.C 88.5	82.C 88.5	82.0 88.5	82.0 88.5	82.0	82.0 88.5	82.0	82.1
≥ 2500 ≥ 2000	93•8 98•3	94 • 1 98 • 7	94.1 98.7	94.1	94.2 98.8	94.2 98.5	94.2 98.8	94.2 98.6	94.2	94.2 98.8	94.2	94.2 98.8	94 • 2 98 • 8	94.2 98.8	94.2 98.8	94.3
≥ 1800 ≥ 1500	98.7 98.9	99.4	99.1 99.4	99•1 99•4	99.Z	99.2	99.2	99.2	99.2 99.6	99.2 99.6	99.2 99.6	99.2	99.2	99.2	99.2 59.6	99.4
≥ 1200 ≥ 1000	\$ \$ \$ \$ \$ \$ \$	99.5	99.5	99.6	99.7	99.7	99.8	99.8 99.8	99.8	99.8 99.8	99.8	99.8	99.8	99.8 99.8	99.8	99.9
≥ 900 ≥ 800	98.9 98.9	99.5 99.5	99.5	99.6	99.7 99.7	99.7	99.8 99.8	99.8	99.8	99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8	99.8	99.9
≥ 700 ≥ 600	98.9 98.9	99.5 99.5	99.5 99.5	99.6	99.7 99.7	99.7 99.7	99.8 99.8	99.8	99.8	99•8 99•8	99.8 99.8	99.8 99.8	99.8	99.8 99.8	99.8	99.9
≥ 500 ≥ 400	78•9 98•9	99.5	99.6 99.6	99.7	99•6 99•6	99.8 99.8	99.9 99.9	99.9 99.9	99.9	99.9	99.9	99.9	99.9	99.9		100.0
≥ 300 ≥ 200	98•9 98•9	99.5	99.6	99.7	99.8	99.8 99.8	99.9 99.9	99.9	99.9	99.9 99.9	99.9	99.9	99.9	99.9		100.0
≥ 100 ≥ 0	98•9 98•9	99.5	99.6 99.6	99.7	99.8 99.8	99.5	99.9 99.9	99.9	99.9 99.9	99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9		100.0

TOTAL NUMBER OF OBSERVATIONS...

929

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PHOCESSING BRANCH USAF ETAC ATA MEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

22508

AHEELEP AFB HI

67-70,73-78

AUG

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1839-2006

CEILING							VIS	IBILITY 'STA	ATUTE MIL	ES:	_					
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2 2	≥2	217	≥1%	≥1	≥ ¾	≥ 3 ₇₉	≥ ′ን	≥ 5-16	≥ 4	≥0
NO CEILING ≥ 20000	55.6 60.9	55.6 60.9	60.9	55.6 60.9	55.6 60.9		55.6 63.9	55.6 60.9	55.6 60.9	55.6 60.9	55.6 60.9	55.6 60.9	55.6 60.9	55.6 60.9	55.5 60.9	
≥ 18000 ≥ 16000	60.9 60.9	60.9 60.9	60.9 60.9	60.9	60.9 50.9			60.9 60.9			60•9 60•9		60.9	60.9 60.9	60.9 60.9	
≥ 14000 ≥ 12000	62.5	61.4	61.4 62.9	61.4 62.9	61.4 62.9	~~.	61.4 62.9	61.4 52.9	61.4 62.	61.4 62.9	61.4	61.4 62.9	61.4 62.9	61.4	61.4	51.4 62.9
≥ ;0000 ≥ 9000	64.1	63.8	63.8	63.8 64.1	63.8 64.1	63.8 64.1	63.8 54.1	63.8 54.1	63.6 64.1	63.3	63.8 64.1	53.8 64.1	63.8 44.1	63.8 64.1	63.8 64.1	63.8
≥ 8000 ≥ 7000	64.8	54.6 64.8	64.6 64.8	64 • 6 64 • 8	64.6 64.8		64.8 64.8	64.6 64.8	64 • 6 64 • 8	64.6 64.3	64.6 64.8	64.6 64.8	64.6 64.8	64.6 64.8	64.6 64.8	61: • 6 64 • 8
≥ 6000 ≥ 5000	65.2 66.7	65.2 66.7	65.Z 66.7	65.2 66.7	55.2 66.7	55.2 66.7	65•2 66•7	65.2 66.7	65.2 66.7	65•2 66•7	65.2 66.7	65 c 2	65.2 66.7	65.2 66.7	65.2 66.7	65.2 66.7
≥ 4500 ≥ 4000	69.3 74.6	59.3 74.6	69.3 74.6	69.3 74.6	69.3 74.6		69.3 74.6	59.3 74.6	69.3 74.6	69•3 74•6	69.3 74.6		69.3 74.6	69.3 74.6		69.3 74.6
≥ 3500 ≥ 3000	73.7 85.3	78.8	78.8 85.9	78.8 85.9	78.8 85.9		78 • 8 85 • 9	78 • 8 85 • 9	78.8 85.9	78 • 8 85 • 9	78.8 85.9	78.8 85.9	75.8 85.9	78.8 85.9	78 · 8	78 • 8 85 • 9
≥ 2500 ≥ 2000	58.4 95.2	89.2 96.2	96.2	89.2 96.4	89.3 9.5			89.3 96.5	89.3 96.5	89•3 96•5	39.3 96.5		89.3 96.5	89.3 96.5	89.3 95.5	89.3 96.5
≥ 1800 ≥ 1500	97.4 98.1	98.5	98.5	98 • 6 99 • 4	98•7 99•5	98.7 99.5		96.7 99.5	98.7 99.5	98•7 99•5	98•7 99•5	98.7 99.5	98.7 99.5	98.7 99.5	98.7 99.5	98.7
≥ 1200 ≥ 1000	98.6 98.6	99.6					100.0 100.0									
≥ 900 ≥ 800	98.6	99.6		1		100.0 100.0	100.0 100.0				100•0 100•0					
≥ 700 ≥ 690	98 • 6	99.6	99•8 99•8	99.9 99.9			100.0 100.0				100.0 100.0		100.0 100.0			1
≥ 500 ≥ 400	98.6 98.6	99.6 99.6	99.8				100.0 130.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	98.6 98.6	99•6 99•6	99.8	99.9	100.0 100.0	130.0	100.0	100.d	100.0	190.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	76.6 98.6	99.6 99.6														100.0

TOTAL NUMBER OF OBSERVATIONS.....

851

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CITA PROCESSING BRANCH USAF ETAC

É

#### CEILING VERSUS VISIBILITY

Al' MEATHER SERVICE/MAC

2200: AMEELER AFB HI
STATION

67-70,73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2130-2380

CEILING							VIS	BILITY (ST.	ATUTE MILI	ES)						
FEET	≥10	≥6	≥5	24	≥3	≥2 7	≥2	מו≤	≥1%	≥1	≥ ,⁴	≥ >⁄•	≥ ′>	≥5 16	≥ .	≥0
NC CEILING ≥ 20000	5°•9 50•5	57.9 60.5	57.9 60.5	57.9 60.5	57.9 67.5	57.9 50.5	57.9 60.5	57.9 60.5	57.9 60.5	57.9 60.5		57.9 60.5	57.9 63.5	57.9 60.5	57.9 63.5	57.9 60.5
≥ 18000 ≥ 16000	60.5	60.5	60.5 60.5	60.5 60.5	60.5 60.5	60.5 60.5	60.5	60.5 60.5	60 • 5 60 • 5	6B•5	60.5 60.5	60.5 60.5	60.5 60.5	60.5 60.5	60.5 60.5	60.5 60.5
≥ 14000 ≥ 12000	50.9 61.6	61.6	60.5 61.5	63.5 61.6	63.5 61.6	60.5 61.6	63.5 61.6	60.5 61.6	60.5 61.6	60.5 61.6	60.5 61.6	60.5 61.6	69.5 61.6	60.5 61.6	50.5 61.6	60.5 61.6
≥ 10000 ≥ 9000	62.8	62.6 62.8	7 - 7	62.6 62.8	62.6 62.8	62.6 62.8	62.6 62.8	62.6 62.8	62.6 62.8	62.6 62.8	62.6	62.6 62.8		62.6 62.8	62.6 62.8	62.6 62.8
≥ 8000 ≥ 7000	63.4		63.4 63.4	63.4	63.2 63.4	63.2 63.4	63.2 63.4	63.2 63.4		63.2 63.4	63.2 63.4			63.2 63.4	63.2 63.4	
≥ 6000 ≥ 5000	⇒3•6 ⇒4•8	64.8	64.9	63.6	63.6 64.8		63.5 64.8	63.6		63.6 64.8	63.6 64.8	63.6 64.8		63.6 64.8	63.6 64.8	63.6
≥ 4500 ≥ 4000	66.9 70.1	70.1	66.9 70.1	70.1	79.1	66.9 70.1	66.9 70.1	66.9 70.1	70.1	70.1	66.9 70.1		66.9 70.1	70.1	66.9 70.1	66.9 70.1
≥ 3500	74.5 80.4	74.2 E1.2	81.2	74.2 81.4	74.2 81.4	74.2	74.2	74.2	74.2 81.4	74.2 81.4	74.2 81.4	21.4	74.2 81.4	74.2 31.4		74.2
≥ 2500 ≥ 2000	93.2	93.7	93.7	93.9	94.5	84.9 94.5	84.9 94.5	94.5			94.5	94.5	94.5	84.9 94.5	84.9 94.5	94.5
≥ 1800 ≥ 1500	94.9	96.1	97.€	96.3 98.0	96.9	98.6	96.9	96.9 98.8	98.8		98,8	96.9 98.8		96.9 98.8	98.8	96.9
≥ 1200 ≥ 1000	96.7 96.7	98.4	98.8	99.0		99.6	99.8	100.0	100.0	190.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	96.7 96.7	98.4	98.8	99.0		99.5 99.5	99.8	100.0	100.0	100.0	100.0 100.0 100.0	100.0	100.0	180.0	100.0	100.0
≥ 700 ≥ 600	96.7	98.4	98.8	99.0		99.6	99.8	100.0	100.0	100.0	100.0	100.3	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	96 • 7 96 • 7	98.4	98.8	99.0	99.6	99.6	99.8	100.0	106.6	100.0	100.0 100.0	10C.0	100.0	100.0	100.0	100.C
≥ 300 ≥ 200	96.7 96.7	98.4	98.8	99.0	99.6	99.6	99.8	100.0	100.6	100.C	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	96.7	98.4	98.8		1	99.6	1				, ,					100.0

TOTAL NUMBER OF OBSERVATIONS.....

489

USAF CTAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCUE

BATA PROCESSING BRANCH USAF ETAC ALL MEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

22508 APEELER AFB HI STATION HAME

67-73,73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FRC, M HOURLY OBSERVATIONS)

HOURS ILST

CEILING							VIS	BILITY (ST)	ATUTE MILE	ES)						j
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 າ	22	≥1%	≥1 5	≥;	≥ 1,	≥ ¾	≥ ∻	≥ 5/16	≥ 4	≥0
NO CEILING ≥ 20000	53.6 53.8	53.7 58.9	53.8 58.9	53.8 58.9	53.8 59.9	53,8 58.9	53.8 55.9	53.8 58.9	53.8 58.9	53.8 56.9	53.8 58.9		53.8 58.9		53.8 58.9	53.8 59.0
≥ 18000 ≥ 16000	58.9 59.0	59.0 59.1	59.1 59.1	59.1 59.1	59.1 59.2	59.1 59.2	59.1 59.2	59.1 59.2	59•1 59•2	59.1 59.2	59.1 59.2	59.1 59.2	59.1 59.2	59.1 59.2	59 • 1 59 • 2	59.1 59.2
≥ 14000 ≥ 12000	59.7 60.6	59.8 60.7	60.7	59.8 60.7	59.9 63.7	59.9 60.7	59.9 60.7	59.9 60.7	59.9 60.7	59.9 60.7	59.9 60.7	59.9 60.7	59.9 60.7	60.7	59.9 60.7	59.9 60.7
≥ 9000	61.5 51.6	61.6	61.9	61.8	61.7	51.7 61.8	61.8	61.7 61.8	61.7	61.7	61.7	61.7 61.8	61.8	51.7 61.8	61.7 61.8	61.5
≥ 8°00 ≥ 7000	61.9	62.3	62.4	62.4		62.1 62.4	62.4	62.4	62.1 62.4	62.1 62.4	62.4	62.1 62.4	62.1 62.4	62.1 62.4	62.1 62.4	62.1 62.4
≥ 6000 ≥ 5000	62.9 65.1	63.1 65.2	63.1 65.3	63.1 65.3	63.2 65.3	63.2 55.3	63.2 65.3	63.2 65.3	63.2 65.3	63.2 65.3	63.2 65.3		63.2 65.3	63.2 65.3	63.2 65.3	63.2 65.4
≥ 4500 ≥ 4000	59.4 74.4	69.5 74.5	69.6 74.6	69.6 74.7	69.6 74.1	69.6 74.7	69.6 74.8	69.6 74.8	69.6 74.8	69.6 74.8	74.8		59.6 74.8		69.6 74.8	69.6 74.8
≥ 3500 ≥ 3000	78.4 83.4	78.7 84.9	78.8 84.1	73.8	78.9	78.9	75.9 84.4		78.9 84.4	78.9 84.4	84.4	75.9 84.4	78.9 84.4	78.9 84.4	78.9 84.4	79.0 84.4
≥ 2500 ≥ 2000	58.0 94.7	88.9 95.8	89.0 96.0	89.2 96.2	96.4	89.4 96.5	89.4 96.5		89.4 96.5	96.5	96.5	89.4 96.5			89.4 96.5	
≥ '800 ≥ 15G0	96.1	97.4	97.5 98.5	97.7	98.0 99.0	98•0	98.1	98 • 1 99 • 2	98.1	98.1	98.1 99.2	98.1 99.2	98.1 99.2		98.1 99.2	98.1
≥ 1200 ≥ 1000	97.1	98 • 6 93 • 6	99.0	99.2		99.5		99.7		99.7	99.7	99.7	99.7 99.7	99.7	99.7	99.7
≥ 900 ≥ 800	97.1 97.1	98.6 98.6		99.2		99.5		99.8 99.8	99.8	99.8	99.8			99.8		99.8
≥ 700 ≥ 600	97.1 97.1	98.6	99.0	99.2	99.6	99.6				99.9	99.9					99.9
≥ 500 ≥ 400	97.1 97.1	98.6	99-0	99.3	99.6		99.9	99.9			99.9	99.9	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	97.1 97.1	98.5			99.6	99.7	99.9		99.9		160.0	100.0	100.0	100.0		160.0
≥ 100 ≥ 0	97•1 97•1	98•6 98•6			99.6 99.6	99.7 99.7	99.9 99.9				100.0 100.0					100.0

OTAL NUMBER OF OBSERVATIONS 5017

USAF ETAC 10164 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE DISOLE

TATA PROCESSING EPANCH USAF ETAC ATP XEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

27576

A-EELER AFB HI

73,76

SEP

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

9990-028C

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES.						
FEET	≥10	≥6	≥5	≥4	≥3	≥2 2	≥2	512	≥1.2	≥1	≥ ¼	ور ≷	≥ 5	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	ĕ3.3	83.3 83.3	83.3 83.3	83.3 83.3	63.3 83.3	93.3 83.3		,	23.3 3.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	63.3 53.3	83.3 83.3
≥ 18000 ≥ 16000	.3 • 3 #3 • 3	83.3 83.3	83.3 83.3	63.3 23.3	83.3 83.3	83.3 83.3	83.3		83.3 63.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3
≥ 14000 ≥ 12000	53.3 63.3	83.3 83.3	83.3 63.3	83.3 83.3	83.3 83.3	83.3	33.3 83.3	83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3	83.3 83.3	83.3 83.3	83.3
≥ 10000	53.3 33.3	63.3 83.3	83.3 83.3	33.3 83.3	83.3 83.3	93.3	63.3	83.3 83.3		83.3 83.3	63.3 83.3	83.3 83.3		83.3 83.3		83.3
≥ 8000 ≥ 7000	83.3	83.3 83.3	63.3 63.3	83.3	83.3	83.3		83.3	83.3	83.3	83.3	83.3	83.3 83.3	83.3 83.3	83.3	
≥ 6000 ≥ 5000	63.3	83.3 83.3	83.3	83.3	83.3	83.3	83.3	33.3			83.3	83.3 83.3		83.3 83.3		83.3
≥ 4500 ≥ 4000	83.3	83.3	83.3	83.3	83.3 83.3		83.3			83.3 83.3		83.3 <u>83.3</u>	83.3			83.3
≥ 3500 ≥ 3000		100.0		100.0	100.0	130.0	100.0	100.0	130.0	100.5	100.0	100.0	100.0	100.0	100.0	106.0
≥ 2500 ≥ 2000 > 800		100.0	,	100.0	100.0		100.0		100.0	130.3	100.0 100.0	100.0	100.0	100.3		100.0
≥ 800 ≥ 1500 ≥ 1200	138.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.3
≥ 1000	130.0	100.0	1.000		100.0	100.0	130.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	130.0	100.0
≥ 800	1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0	180.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.9	120.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100											100.0					

TOTAL NUMBER OF OBSERVATIONS...

__6

USAF ETAC 1014 0-14-5 (OL A) PREVIOUS EPITIONS OF THIS FORM ARE OBSOLE

-BATA PROCESSIME BRANCH LELF ETAC AI: KEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

2<u>25</u>15

AHEELER AFE HI

75-76

SEP

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2300-0500

CEILING					-		VIS	BILITY 'ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥5	≥4	≥3	≥2?	≥2	≥۱۶	≥14	≥1	≥ 10	≥>g	≥ 5	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	100.0	100.0							103.C							
≥ 18000 ≥ 16000		100.0	100.0		100.0	100.0	120.0	100.0	100.0	100.0	100.0	100.0	190.0	100.0	100.0	100.0
≥ 14000 ≥ 12000		100.0	100.0	100.0	I		100.0		100.0 130.9						ŧ	150.0
≥ 10000 ≥ 9000	100.0	,	100.0	1	100.0	1		1	100.0 130.0	ì					1	1
≥ 8000 ≥ 7000	150.0 100.0	1	7	,	100.0	1			100.G						1	100.0
≥ 6000 ≥ 5000			100.0		1				100.0							190.0
≥ 4500 ≥ 4000		100.0	100.0	1	1	12 2 2 1 2					100.0 100.0		100.0 100.0		100.0	100.0
≥ 3500 ≥ 3000	130.0	1	1	1	J	l			100.0 100.0						1 -	100.0
≥ 2500 ≥ 2000		1	100.0	1	1	1	l i	í	100.5 109.5	ı		t	ı		,	100.0
≥ 1800 ≥ 1500	1		100.0		100.0	1			100.0 100.0				100.0 100.0		100.0	1 1
≥ 1200 ≥ 1000			100.0	1		1			130.0		l-	l	L		100.0	,
≥ 900	1	1	.1	1	100.0	100.0	100.0	10C.0	100.0	100.0	100.0	100.0	0.00	100.3	100.0	100.0
≥ 700 ≥ 600	100.0	1	100.0	100.0	100.0	100.0	180.0	100.0	100.0	100.0	100.0	130.0	160.0	100.3	100.0	100.0
≥ 500 ≥ 400	100.0	100.0	100-0	100.0	.00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	190.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.3	100.3	100.C
≥ 100 ≥ 0	100.0		1	1	1	1			1 70 • 6						F	L 1

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC KITGE 0-14-5 (OL A) MEYOUS EDITIONS OF THIS FORM ARE OBSOLET

CATA PROCESSING BRANCH USAF ETAC AIF *EATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

223525

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C

(

6

AHEELER AFB HI

67-72,73-78

SEP

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VIS	IBILITY STA	ATUTE MIL	ŧs.						
1551	≥:C	٥٤	≥5	≥4 ,	≥3	≥2?	≥2	217	≥ .	≥1	≥ ;•	≥ 3-0	≥ ∻	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000	56.0 59.5	66.3 69.8	56.3 69.8	66.3 69.8	66.3 69.8	65.3 69.8			66.3 69.8		65.3 69.6	65.3 69.8	55.3 69.8	56.3 69.8	66.3 69.8	
≥ 18000 ≥ 16000	59.6	59.8 59.8	69.8 69.8	69.8 60.8	69.8 69.8	59.8 59.8			59.8	69.8 69.8	59.8 59.8	69.8 59.8	59.8 69.8	69.8 59.8	69.8 69.8	69.8°
≥ 14000 ≥ 12000	7C • 4 71 • 1	72.7	70.7	72.7	70.7 71.4	70.7	71.4	71.4	79.7 71.4	75.7 71.4	76.7 71.4	73.7 71.4	70.7 71.4	70.7 71.4	70•7 71•4	70.7
≥ 10000 ≥ 9000	71.9	72.1	72.4	72.1	72.4	72.1 72.4	72.1 72.4	72.4	72.1 72.4	72.4	72.1 72.4	72.1 72.4	72.1 72.4	72.4	72.1 72.4	72.1 72.4
≥ 8000 ≥ 7000	72.9	73.2	73.2	73.2	73.2	73.2	74,1	73.2	73.2 74.1	73+2 74+1	73.2 74.1	73.2 74.1	73.2 74.1	73.2	73.2 74.1	73.2
≥ 6000 ≥ 5000	74 • ū 75 • 3	74.2	74.2	74.2	74.2	74.2 75.7	75.7	75.7	74.2 75.7	74.2 75.7	74.2 75.7	74.2	74.2 75.7	74.2 75.7	74.2 75.7	74.2
≥ 4500 ≥ 4000	78.7 83.6	79.Z 34.1	79.2 24.2	79.2	79.2 84.2	79.2 84.2	84.2	34.2	84.2	79.2 84.2	79.2 84.2	79.2 84.2	79.2 84.2			79.2 84.2
≥ 3500	36.4	89.4	86.9	89.5	89.5	86.9	89.5	89.5			86.9	89.5	89.5	86.9 89.5	89.5	89.5
≥ 2500 ≥ 2000	96.4 96.3	91.2 97.5 93.5	91.4	91.4 97.7 98.8	91.4	91.4 97.7	97.7		91.4 97.7 98.8	91.4	91.4 97.7 98.8	97.7	91.4 97.7 98.8	91.4 97.7 98.8	91.4 97.7 98.8	
≥ 1800 ≥ 1500	97.q 98.1	99.0	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6		99.5		99.6	
≥ 1000 ≥ 1000 ≥ 900	98.1 98.1	99.3	99.9	99.9	99.9	99.9	105.0	100.0	103.0	190.0	100.0	100.0	100.0	160.0	100.0	100.0
≥ 800	98.1	99.3	99.8	99.9	99.9	99.9	100.0	100.0	100.C	100.5	100.0 100.0	100.0	100.0	100.0	160.0	100.0
≥ 600	98.1	99.3	99.8	99.9	99.9	99.9	100.0	199.0	100.C	100.0	100.0	130.0	130.0	100.0	100.0	100-0
≥ 500 ≥ 400 ≥ 300	98.1	99.3	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.1	99.3	99.8	99.9	99.9	99.9	100.0	100.0	139.6	100.0	100.C	100.0	100.0	100.0	100.0	100.0
≥ '00	98.1	99.3	99.5	99.9	99.9						100.0					

TOTAL NUMBER OF OBSERVATIONS

34

USAF ETAC AL ME 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DISOLETE

-DATA PAOCESSING BRANCH LIVE ETAC AI- MEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

67-70,73-78

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥5	≥4	≥3	≥2つ	≥?	ر ا≲	≥1 .	≥1	≥ •	ید ≤	≥ 7	≥5 16	≥ •	≥0
NO CEILING	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 20000	£2.1	52.4	62.4	62.4	62.4	52.4	<u>62.4</u>	62.4	62,4	62.4	62.4	52.4	52.4	62.4	62.4	52.4
≥ 18000	52.4	52.5	62.5	52.5		62.5	62.5	62.5	52.5		62.5	62.5	62.5	62.5	62.5	62.5
≥ '6000	52.6	53.1	<u>63.3</u>	63.0	63.0	<u>63.0</u>	<u> 63.0</u>	<u>53.0</u>	63.0	63.C	63.0	53.0	63.9	63.3	63.5	63.5
≥ 14000 ≥ 12000	€3.5	63.ą	64.0	64.0	64 • U	64 • ¤	54 • C	64 • Q	64.0	64.0	64.0	64.C	64.0	64.0	64.0	64.0
	53.7	54.1	54.2	54.2	64.2	64.2	64.2	54.2	64.2	64.2	64.2	64.2	64.2	64.2		
≥ 10000 ≤	54.7	65.1	65.2	65.2		65.2	65.2	55.2		65.2	65.2	€5.2		65.2	65.2	65.2
	65.0	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4				65.4	55.4	65.4
≥ 8000 ; ≥ 7000	65.4	55.7	65.9	65.9	65.9	55.9	65.9	65.9	65.9	65.9		65.9	65.9	65.9		1 7 7 1
	66.5	66.9	57.0	67.0			67.0	67.0	67.0					67.3		67.C
≥ 6000 ≥ 5000	67.9	68.2	68.3	65.3	68.3	58.3	66.3	66.3	68.3	68.3	68.3	68.3	68.3	68.3		
	75.1	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5		70.5		70.5	70.5		
≥ 4500 ; ≥ 4000 ;	75.1	75.5	75.9	75.9	75.9	75.9	75.9		75.9				75.9	75.9	i	
i	79.4	83.0	80.2	80.2	80.2	80.2	<u> </u>	8C.2	80.2	80.2	80.2	80.2	€8.2	80.2	80.2	
≥ 3500 ≥ 3000	61.4 35.0	62.7	62.2	82.2	\$2.Z	82.2	82,2	82.2	82.2	82.2	82.2		82.2	82.2		
		85.7	36.0	86.0	86.0	86.0	86.0	26.1	<u> 56.1</u>	86.2	86.2		86.2	86.2	86.2	
≥ 2500 ≥ 2000	89.3	90.1	90.4		90.4	90.4	90.4	90.5	99.5		90.7	90.7	90.7	90.7	90.7	
0081 ≤	95.3	96.3	98.7	96.7	96.7	96.7 98.3	96.7	96.6	96.8	96.9	96.9	96.9		96.9	96.9	
≥ 1500	96.5	98.4	98.9	99.0	. 1	99.0	98.4	99.2	99.2	98.7 99.3	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	96.9	93.8	99.2	99.3	99.3	99.4	99.6	99.7	99.7		99.8	99.8	99.3	99.3	99.3	99.3
≥ 1600	96.9	98.9	99.3	99,4		99.6	99.8	99.9				99.8 100.0				99.8
≥ 900	56.9	98.9	99.3	99.4	99.4	99.6	99.8	99.9		100.0		100.0				
≥ 800	96.9	98.9	99.3	99.4	99.4	99.5	99.2	99.9				100.0				
≥ 700	-6.9	95.9	99.3	99.4	99.4	99.6	99.8	99.9				100.0				
≥ 600	96.9	93.9	99.3	99.4	99.4	29.6	99.8	99.9		_		100.0				
≥ 500	96.9	98.9	99.3	99.4	99.4	99.6	99.B	99.9				100.0				-
≥ 400	96.9	98.9	99.3	99.4	99.4	1	99.8	99.9			i :	100.0				
≥ 300	46.9	92.9	99.3	99.4	99.4	99.6	99.8	99.9				100.0				
≥ 200	95.9	95 d	99.3	99.4	99.4	99.6	99.8	99.9				100.0			1	
≥ 100	96.9	98.9	99.3	99.4	99.4		99.8			100.0					100.0	
≥ 0	96.9	98.9	99.3	99.4	79.4		99.8					100.0				1
	\$20W									101	AL NUMB	ER OF OB	SERVATIO	NS		899
SAF ETAC	AR 64	0-14-5 (0	)LA) me	VICUS EDITIC	MS OF THIS F	COM ARE CO	SOLETE									

EATS PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

20505 AMEELER AFB HI

67-70,73-78

- 355

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1209-1409

CEILING ,							VI\$	BILITY ST	ATUTE MILE	:5						
· FEET :	≥10	≥6 ;	≥5	≥4	≥3	≥2 -	≥?	≥17	21.	≥1 }	≥ 1.	≥'n	≥ ;	≥5 16	≥.	≥0
> 25000	55.5	50.3 55.5	50.3 55.5	;		50.3 55.5	50.3 55.6		_	;	50.3 55.6			50.3 55.6		50.3 55.6
≥ 18000 ≥ 16000	55.9 56.5	55.9 56.5	55.9			55.9 56.5	56.0 56.6			د	_	• 1	55.0 5.6	56.0 56.6		
≥ 14000 ≥ 12000	57.2 57.3	57.2 57.3	57.Z		57.2 57.3	57.2 57.3	57.3 57.5	57.3 57.5		57.3 57.5	57.3 57.5	57.5		57.3 57.5		
≥ 10000 ≥ 0000	57.7 57.7	57.7 57.7	57.7 57.7	57.7 57.7	57.7 57.7	57.7 57.7	57.8 57.8	57.6 57.€	57.8 57.8	57.8 57.6	57.8 57.8	57.8 57.8		57.8 57.8		: [] [
≥ 8000 ≥ 7000	58.5 59.0	5ê.6 59.0	58.5 59.0	58.6 59.0	1	58.0 59.0	58.7 59.1	58.7 59.1	58.7 59.1	58.7 59.1	58.7 59.1	58.7 59.1		56.7 59.1	59.1	59.1
≥ 6000 ≥ 5000	59.6 53.5	59.6	59.6 63.3	59.6 63.8		59.6 63.8	59.7 63.9	59.7 63.9	59.7 63.9	59.7 63.9	59.7 63.9	59.7 63.9	59.7 63.9	59.7 53.9	59.7 63.9	į
≥ 4500 ≥ 4000	70.3 75.9	70.9 76.6	70.9 76.6	75.9 76.6		71.3 76.7	71 • Z 76 • 8			71.2 76.8	71.2 75.8	71.2 76.8	1	71.2 75.8	71.2 76.8	71.2
≥ 3500 ≥ 3000	75.2 83.4	75.6 84.6	78.8 84.9	78.8 84.9		79.J 35.d	79.1 85.1	85.1	79.1 85.1	79.1 35.1	79.1 65.1		79.1 85.1	79.1 85.1	79.1 85.1	79.1° 55.1
≥ 2500 ≥ 2000	98.5 94.3	96.1	90.3 96.5		96.7				97.0	90.5 97.0		97.0	97.0		97.5	97.C
≥ 1800 ≥ 1500	95.5	95.2	98.5	98.8	98.8	95.3	95.4 99.1	99.1	99.1	98.4 99.1	98.4 99.2	99.2	99.2	99.2	99.2	
≥ 120° ≥ 1000	96.2 96.2	98.4	98.8	99.0		99•2 99•2	99•3 99•3	99.3	99.3	99.3		.3.4	99.4	99.4	99.4	
009 ≤ 008 ≤	96.2 96.2	95.7	98.9	99.2		99.3	99.4 99.6	99.6	99.7	99.6 99.7	99.8		99.5	99.8	99.8	99.8
≥ 700 ≥ 600	76.2 96.2	98.7 98.8	99.0	99.5	99•2 99•3	99.4	99.6 99.7	99.7	99.8		100.0	<b>-</b>	99.8	100.0	100.0	100.0
≥ 500 ≥ 400	96.2 96.2		99.1 99.1	99.3	99.3	99.6 99.6	99.7	99.7	99•8 99•8	99.8	100.0	100.0	100.0	130.0	100.0	100.6
≥ 300 ≥ 200	96.2 96.2	95.8 98.8	99.1	99.3		99.6 99.6	99.7	99.7 99.7	99.8 99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ G	95.2 95.2	98.8 98.6	99.1 99.1		99.3 99.3	99.6 99.6	99.7	99.7	99•8 99•£				F			100.0

TOTAL NUMBER OF OBSERVATIONS____

898

USAF ETAC ALM 0-14-5 (GL A) MENOUS EDITIONS OF THIS FORM ARE ORBIGING

LIVE ETAC ATH NEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

67-70,73-75

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CERING .							VISE	BILITY STA	int witi	5						
*EE:	≥:0 }	≥6	≥5 -	≥4	≥3 .	≥2 ÷ ;	≥2	≥1 ;	≥1.	≥: .	ية ≤	≥ 2-9	. ≤	≥5 16	≥ .	≥c
40 CEUING ≥ 20000	23.3	53.4		53.4	53.4	53.4	53.4	53.4	53.4			53.5				
	<u> 58. d</u>	59.0	59.7	<u> </u>	59.0	59.0	59.0	59.3	59.3	59.1	59.1	59.1	<u> 59.1</u>	59.1	<u> </u>	<u>59.1</u>
≥ 16000 °	= 9.3	59.4	50.5	59.4	59.4	59.4	59.4	59.4	59.4	59.5		59.5	59.5	59.5		
	59.7	59.9	59.3	59.8	59.5	59.8	<u>59.8</u>	<u>اة . 59</u>	59.8	63.3			<u> </u>		63.0	+
≥ 14500 ° ≥ 12060 °	:1.]	51.1	61.L	51.1:	51.1	51.1	61 • li	61.1	61.1	61.Z	61.2	61.2	61.2	61.2	51.2	1
	62.0	52.1	52.1	62 · 1	62.1	62.1	62.1	62.1	62-1	62.2	52.2		<u> </u>	62.2	52.2	62.2
≥ 5000 ≥ 10000	52.3	52.5	62.5	5Z+8	52.6	52.5	52.6	6Z.6	62.5	52.7	6Z.7	62.7	62.7	52.7	62.7	1 62.7
	22.6	52.7	62.7	62.3	62.7	62.7	£2.7	<u> 62.7</u>	62.7			62.3	62.5	62.8	62.8	
≥ 8000 ≥ 7000	52.4	63.3	63.0	53.0	63.0	53.0	63.0	33.Q	53.0	53-1	53.1	63.1	53.1	63.1	63.1	63.1
	53.7	<u>63.a</u>	53.8	<u> 63.9</u>	63.8	63.8	63.8	63.3	63.E		64.5	64.3	64.3	-	64.3	•
≥ 6000 ≥ 5000	54.4	54.5	54.5	64.5	64.5	64.5	64.5	54.5	64.5			64.6	54.5	54.5	64.6	1
	67.4	57.5	57.5	67.5	67.5	67.5	57.5	67.5	67.5	67.6			67.5			57.5
≥ 4500	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	1
≥ 4000	76.1	72.5	76.5	78.5	79.5	73.5	78.5	78.5	73.5	78.5					7â.6	حتتب
≥ 3500	60.4	81.3	51.3	ŝ1•3	ε1·3	21• <b>5</b>	\$1.3	31.3	81.3	81.4	81.4	21.4	\$1.4	81.4	91.4	181.4
≥ 3000	<u> 65.3</u>	25.3	85.5	26.5	86.5	35.5	86.5	26.5	36.5	86.7	86.7	86.7	<u> 35.7</u>	85.7	36.7	85.7
≥ 2500	៩៩.ភុ	१९०३	93.7	90.4	90.Q	93•Q	90.q	95.0	90.3	99.1	90.1	90.1	90.1	90.1	90.1	
≥ 2000	95.7	97.6	97.3	97.8	97.5	97.9	97.9	97.9	97.9	98.3	98.0	\$8.D	95.3	95.3	98.0	<del></del>
≥ 1800	95.4	93.3	98•6	96.6	98.7	98.7	93.7	98.7	98.7	98.8	98.5	98.5	98.8	95.5	98.8	98.3
≥ 1500	95.5	98.5	98.8	98.8	95.9	69°ä	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	97.1	99.1
≥ 1200	₹६.व्	93.9	99.1	99.2	99.3	99.4	99.5	99 • q	59.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100C	96.8	98.9	<u>99.2</u>	99.3	99.4	99.6	99.7	99.7	99.7	99.8		99.5	99.3		99.8	99.8
≥ 900	76.8	98.9	99.3	99.4	99.6	99.7	99.8	99.5	99.5	99.9	99.9	99.9	99.5	99.9	99,9	99.9
≥ 800	95.8	98.9	99.3	99.4	99.6	79.7	99.8	99.5	99.5		99.9		99.9		99.9	
≥ 700	₹6.4	98.9	99.3	99.4	99.4	99.7	99.8	99.5	99.8	99.9	99.9	99.9	97.9	99.9	99.9	99.9
≥ 500	46.3	95.9	99.3	99.4	99.6	79.7	99.9	99.9	99.9	100.0	100.0	166.3	100.9	103.0	130.0	100.5
≥ 500	-5.8	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	100.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	90.8	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	199.0	100.0	100.9	100.3
2 300	56.4	98.9	99.3	95.4	99.5	99.7	99.9	99.9	99.9	100.0	100.C	100.0	160.0	րսս. ո	0.00	00.0
≥ 200	95.6	93.9	99.3	99.4	99.6	59.7	99.9	99.9	99.9	100.0	100.0	100.3	100.0	100.0	100.0	100.0
≥ 00	96.9	98.9		99.4	99.6	99.7	99.9	99.9				100.0		r		100.0
≥ 0	96.5	98.3	99.3	99.4	99.6	99.7	<u> </u>	59.9	99.9	136.0	100.0	100.0	100.0	0.00£	100.0	100.0
		-						_		•	_				_	
										101	AL HUME	et of or	SERVATK	XKS		899

EATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

22508

WHEELER AFB HI

67-70,73-78

SEP

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	IBILITY (ST.	ATUTE MILI	E\$)						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 7	≥2	≥1'2	≥114	≥1	≥ 34	≥ ¾	≥ ∻	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	53.6 38.4	63.8 68.7	63.8 68.7	63.8 68.7	63.8 68.7	63.8 68.7	63.8 68.7	64.0 68.8	64.0 68.8	64.0 68.8	64.0 68.8	64.D 68.8	64.0 6".8	64.0 68.8	64.0 68.8	64.0 68.8
≥ 18000 ≥ 16000	59.3 69.7	69.5 69.9			69.5 69.9	69.5 69.9	69.5 69.9	69.7 70.0	69.7 70.0	69.7 70.0	69.7 70.0		69.7 70.0	69.7 70.0	59.7 70.0	69.7 70.0
≥ 14000 ≥ 12000	70.5 71.4	7u.8 71.6	71.6	70.8 71.6	70.8 71.6	- 1	70.8 71.6	70.9	70.9 71.7	70.9 71.7	70.9 71.7	70.9 71.7	70.9 71.7	70.9 71.7	70.9 71.7	70.9 71.7
≥ 10000 ≥ 9000	72 • 1 72 • 1	72.3	72.3	72.3 72.3	72.3 72.3	72.3	72.3	72.5 72.5	72.5	72.5 72.5	72.5	72.5	72.5 72.5	72.5 72.5	72.5 72.5	72.5
≥ 8000 ≥ 7000	72.2 72.9	72.5 73.2	72 • 5 73 • 2	72.5 73.2	72.5 73.2	73.2	72.5 73.2	72.6 73.3	73.3	72.6 73.3	72.6 73.3	73.3	72.6		72.6 73.3	72.6
≥ 6000 ≥ 5000	73.2 75.5	73.4	73.4 75.7	73.4	73.4	73.4 75.7	73.4	73.5 75.8	75 - 8	73.5 75.8	75.8	73.5	73.5	73.5	73.5 75.8	73.5
≥ 4500 ≥ 4000	31.6	77.7 81.8		77.7 81.8	77.7 81.8	81.8	77.7 81.8	77.8 81.9	81.9	77.8	81.9	77.8	77.8 81.9	77.8 81.9	77.8 81.9	77.8
≥ 3500 ≥ 3000	87.7	85.1	85.1	85.1 89.2			85.1 89.2		89.3	85.2 89.3						85.2
≥ 2500 ≥ 2000	89.8 95.4 96.2	91.3				97.7	97.7		97.8		97.8	97.8	91.6		91.6 97.8	91.6
≥ 1800 ≥ 1500	96.2 96.4	96.4 98.7 99.2	99.2	99.2	99.2	99.3	99.3	99.4			99.4	99.4			99.4	
≥ 1200 ≥ 1000 > 900	76.u	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800 ≥ 700	96.4	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.4	99.2	99.8	99.8	99.8	99.9	99.9	190.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.4	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.4	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	96.4	99.2	1	1		1	,	3	100.0							

TOTAL NUMBER OF OBSERVATIONS

. 824

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSCIETE

DATA PROCESSING BRANCH USAF ETAD AIR AFATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

22504

*HEELER AFB HI

67-70,73-78

SEP

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	IBILITY (STA	ATUTE MIL	ES)						]
(FEET)	≥10	≥6	≥5	≥4	≥3	≥27	≥ 2	≥1⅓	≥11/4	≥ા	≥ %	≥%	≥ ′5	≥5/16	2 %	≥0
NO CEILING ≥ 20000	64.2 65.3	64.8 66.1	64.8 66.1	64.8 66.1	1 7 7 7	64.5 66.1	64.8 66.1	64.8 66.1	64.8 66.1	64.8 66.1	64.8	64.8 66.1	64.8 66.1	64.8 56.1	64.8 66.1	64.8
≥ 18000 ≥ 16000	65.5 65.7	66.3	66.3	66.3	66.3	66.1 66.3	66.1 66.3	66.1 66.3	66.1 66.3	66.3		66.1 66.3		66.1 66.3	56.1 66.3	66.3
≥ 14000 ≥ 12000	67.2	67.2 67.8	67.2 67.8	67.2	67.8	67.2 67.8	67.2 67.8	67.2 67.8	67.2 67.8	67.8	67.8	67.2 67.8			67.2 67.8	67.8
≥ 10000	67.6	68.2	68.2	68.2	68.2		68 • 2 68 • 2	68.2 68.2	68.2 68.2	68.2 68.2			68.2 68.2		68.2 68.2	68.2
≥ 8000 ≥ 7000 ≥ 6000	58.0 68.5	68.7 69.1	68.7 69.1	68.7 69.1	68.7 69.1 69.3	68.7 69.1	68.7 69.1	68.7		68.7 69.1	68.7 69.1	68.7	68.7 69.1	69.1		
≥ 5000 ≥ 4500	71.0	71.7	71.7	71.7	71.7	69.3 71.7 73.8	71.7	69.3 71.7 73.6	69.3 71.7 73.8	71.7	71.7	69.3 71.7 73.8	69.3 71.7 73.8		69.3 71.7 73.8	
≥ 4000	77.5	1	78.1 81.1	78.1	1	78 • 1 81 • 1	78.1	78.1 81.1	78.1 81.1	78.1 81.1	78.1 81.1	78.1	78.1	78.1 81.1	78.1 81.1	78.1 81.1
≥ 3000 ≥ 2500	82.8	34.3	84.5	84.5	37	85.0 87.8	85.0	85.0	85.C		85.0		85.0	€5.0	85.0	11
≥ 2000 ≥ 1800	95.3	95.1 97.2	95.3 97.4	95.3		95.7		95.7	95.7	95.7	95.7	75.7 97.9	95.7	95.7	95.7	95.7
≥ 1500 ≥ 1200	96.8	98.5 98.9	99.1	99.6	99.6									99.6 100.0		
≥ 1000 ≥ 900 ≥ 800	96.8	98.9 98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	190.0	100.0
≥ 700 ≥ 600	96.8	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	96.6 96.8	98.9	99.6	99.6	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	96 • 8	98.9	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	96.8	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.

460

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRI

DATA PROCESSING BRANCH USAF ETAC 810 WEATHER SERVICE/MAT

## CEILING VERSUS VISIBILITY

22503

MHEELER AFB HI

67-70,73-78

SEP

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	BILITY ISTA	TUTE MIL	ES)						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥3	≥2 ?	≥ 2	≥ויק	≥1%	≥1	≥ 34	≥ ¾	≥ '⁄2	≥5 1c	≥ 4	≥0
NO CEILING ≥ 20000	58.6 53.0	58.8 63.2	63.2	58.8 63.2			58 • 8 63 • 3	58.8 63.3	58.8 63.3	63.3	63.3	63.3	58.8 63.3	58.8 63.3	58.8 63.3	63.3
≥ 18000 ≥ 16000	53.3 53.7	63.6 63.9	63.9	63.6 63.9	63.6	63.9	63.6 63.9	63.6 64.0	63.6 64.0	63.6 64.0	63.6 64.0	63.6 64.0	63.6 64.0	63.6 64.0	63.6 64.0	63.6 54.0
≥ 14000 ≥ 12000	54.6 55.2	64.8 65.4	64.8 65.4	64.8 65.4	65.4	64.8	64.9	64.9 65.5	64.9	64.9 65.5	64.9 65.5	64.9 65.5	64.9 65.5	64.9 65.5	64.9 65.5	65.5
≥ 10000 ≥ 9000	55.8 65.9	66.2		66.2	66.2	66.1 66.2	66.1	66.1 66.2	66.2	66.1 66.3	66.1 66.3	66.3	66.3	66.1	66 • 3	66.3
≥ 8000 ≥ 7600	66.4 67.2	66.5	67.5	66.7	66.7 67.5	67.5	66.7	67.5	56.7 67.5	66.7 67.5	65.7 67.5	66.7 67.5		66.7 67.5	66.7 67.5	67.5
≥ 6000 ≥ 5000	67.8 70.3	68.0 70.6	70.5	68.0 76.6		68.0 70.6	68.0 78.7	68.1 70.7	69 • 1 70 • 7	68.1 70.7	68.1 70.7	68•1 70•7	68.1 70.7	68.1 70.7	63.1 70.7	70.7
≥ 4500 ≥ 4000	74.6	79.9	80.0	75.1 80.0	75.1 80.0	75.1 80.0	75 • 1 80 • 0	75.1 90.1	75.1 80.1	75.2 86.1		75.2 80.1	75.2 83.1	75.2 80.1	75.2 80.1	75.2 80.1
≥ 3500 ≥ 3000	32 • S 85 • 7	86.7	86.9	82.7 86.9	82.7 87.0	82.7 87.0	82.7 87.0		82.7 87.1	82.7 87.1	82.7 87.1	82.7 87.1	82.7 87.1	82.7 87.1	82.7 87.1	67.1
≥ 2500 ≥ 2000	89.U 95.2	90 • 1 96 • 8		90.4 97.1	90.4 97.1	90.5	97.5	90.5 97.3	90.5 97.3		90.6 97.3	90.6 97.3		90.6 97.3	90•6 97•3	97.3
≥ 1800 ≥ 1500	96 • 3 96 • 6	98.6 98.6	98.4	98.4 99.0	98.5 99.1	98.6	98 • 6	98.6 99.3	98.6 99.3	99.3	98•7 9 <b>9•</b> 4	98•7 99•4	98.7 99.4	98.7 99.4	98.7 99.4	98.7 99.4
≥ 1200 ≥ 1000	96.9 96.9	98.9 98.9	99.4	99.4	99.5 99.5	99.6 99.6	99.5	99.7 99.8	99.7 99.8	99.8	99.9	99.5	99.8 93.9	99.9	99.8 99.9	99.9
≥ 900 ≥ 800	96.9 96.9	98.9		99.5	99.6	99.7 99.7	99.8	99.8	99.9	99.9	99.9	99.9		99.9	99.9	
≥ 700 ≥ 600	96.9	99.0 99.0	99.5	99.5 99.6	99.6	99.7 99.7	99.8	99.9		100.0	109.0	100,0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	96.9 96.9	99.0	99.5	99.6		99.7		99.9 99.9	99.9	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0
≥ 300 ≥ 200	96.9 96.9		99.5		99.6	99.7	99.9	99.9 99.9	99.9	100.0	100.0	100.0	100.9	100.0	100.0	100.0
≥ 100 ≥ 0	96.9 96.9			99.6 99.6		99 <b>.7</b> 99 <b>.7</b>	99.9	99.9						100.0		100.0 100.0

TOTAL NUMBER OF OBSERVATIONS...

4636

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

-DATA PROCESSING BRANCH USAF ETAC ATA WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

22538

AFEELER AFB HI

73-74

OCT

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0330-0500

CEILING							/15	IBILITY (ST.	ATUTE MIL	.ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 ⁄2	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥%	≥ '7	≥5-16	≥ %.	≥0
NO CEILING ≥ 20000	66 • 7 56 • 7	65.7 66.7	55.7 56.7	66.7 66.7	65.7 66.7	66.7 56.7	66.7 66.7	66.7	66.7 66.7	66.7 66.7	66.7 66.7	66.7 66.7	66.7 66.7	66.7 66.7	66.7 66.7	56.7 65.7
≥ 18000 ≥ 16000	5.7 56.7	66.7 66.7	66.7	66.7 66.7	66.7 66.7	66.7 66.7	66.7 66.7	66.7 66.7	65.7 66.7	66.7 66.7	66.7 66.7	66.7 66.7	66.7 66.7	66.7 66.7	56.7 66.7	66.7 66.7
≥ 14000 ≥ 12000	66.7 66.7	66.7 66.7	66.7 65.7	66•7 66•7	66.7 66.7	66.7 56.7	66.7 66.7	56.7 56.7	66.7 66.7	66.7	66.7 66.7	66.7 66.7	66.7	66.7 66.7	66 • 7 66 • 7	66.7 66.7
≥ 10600 ≥ 9000	66 • 7 66 • 7	66.	66.7	66.7	66.7 66.7	56.7 66.7	66.7 66.7	66.7 66.7	66.7 6t.7	66.7	66.7 66.7	66.7 65.7	66.7 66.7	66.7 66.7	66.7	66.7 66.7
≥ 8000 ≥ 7000	66.7 66.7	56.7 66.7	55.7 56.7	66.7 66.7	66.7 66.7	66.7 66.7	66.7 66.7	66.7 56.7	66.7	66.7 66.7	66.7 66.7	66.7 66.7	66.7	66.7 66.7	66.7 66.7	66.7 66.7
≥ 6000 ≥ 5000	66 • 7 05 • 7	66. 56.	66.7	66.7	66.7 66.7	66.7 66.7	56.7 65.7	66•7	66.7 66.7	66.7	66.7 66.7	66.7 66.7	66.7	66.7 66.7	66.7 66.7	66.7 66.7
≥ 4500 ≥ 4W0	66 • 7 56 • 7	66.	66.7	66.7	66.7 66.7	66.7 66.7	66.7 66.7	66.7 66.7	66.7 66.7	66.7	66.7 66.7	66.7 66.7	66.7	66.7 66.7	56.7 66.7	66.7 66.7
≥ 3500 ≥ 3000	100.0		100.0	1	100.0 100.0					,	100.0					
≥ 2500 ≥ 2000	i e	1	100.0	1												
≥ 1800 ≥ 1500		}	100.0	}				!			100.0					F 1
≥ 1200 ≥ 1000		}	100.0	1		100.0 100.0	•	1			100.0					
≥ 900 ≥ 800	100.0	100.0	100.0	100.0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,	190.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	1	100.0	100.0	100.0	100.0	100.0	100.0		160.0	100.0		100.0	100.0	100.0	180.0	100.0
≥ 500 ≥ 400		1	100.0	1	1			1	1		100.0					
≥ 300 ≥ 200	150.0		100.0		100.0	100.0	100.0	100.0	130.0	100.0		100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	1		100.0	1	,	1										1

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

CATA PROCESSING BRANCH SEAF STAC ALP ACATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

225 18

₹.

AMEELER AFB HI

67-70,73<del>-</del>78

001

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-0800 mount (\$1

CEILING							VISI	BILITY (ST	TUTE MILI	£\$,						
(FEET)	≥ 10	≥6	≥5	≥4	≥ 3	≥2 2	≥ 2	≥175	≥114	≥1	≥ 14	≥ 2/9	≥ '7	≥ 5 16	≥ 4	≥0
NO CEILING ≥ 20000	35.5 59.5	65.6 69.5	65.6	1	65.6	65.6 69.6	65.6 69.6	65.6 69.6	65.6	65.6 69.6	65.6 69.6	65.6	65.6 69.6	65.6 69.6	65.6	65.6 69.6
≥ 18000 ≥ 16000	69.7 59.9	69.9 70.0	69.9 70.0	69.9 70.0	69.9 70.0	69.9 70.0	69.9 70.5	69.9 70.0	69.9 70.0	69.9 70.0	69.9 70.0	69.9 70.0	69.9 70.0	) )	69.9 70.9	69.9 70.0
≥ 14000 ≥ 12000	70 • 3 72 • 4	70.4 72.5	70.4 72.5	70.4 72.5	7C • 4 72 • 5	70.4 72.5	70.4 72.5	70.4 72.5	70.4 72.5	70.4 72.5	70.4 72.5	70.4 72.5	70.4 72.5	70 • 4 72 • 5	70.4 72.5	70.4 72.5
≥ 10000 ≥ 9000	73 • 8 73 • 9	73.9 74.0	74.0 74.1	74 • Ω 74 • 1	74.2 74.1	74 • C 74 • 1	74 • C 74 • 1	74.0 74.1	74.0 74.1	74.C 74.1	74.1	74.0 74.1	74.0 74.1	74.0 74.1	74.0 74.1	74.0 74.1
≥ 8000 ≥ 7000	75.2 75.8	75.3 75.9	75.4 76.0	75 • 4 75 • 0	75 • 4 76 • D	75.4 76.0	75.4 76.€	75.4 76.0	75.4 76.0	75•4 76•0	75.4 76.0	75.4 76.0	75.4 76.0		75•4 76•8	75 • 4 76 • D
≥ 6000 ≥ 5000	76.2 77.3	76.3 77.4	76.4 77.5	76.4 77.5	76.4 77.5	76.4 77.5		76.4 77.5	76.4 77.5	76.4 77.5	76.4 77.5	76.4 77.5	76.4 77.5		76 • 4 77 • 5	76 • 4 77 • 5
≥ 4500 ≥ 4000	हर.1 ४4.2	80.3 84.3	80•4 84•4	80.4 34.5	84.5	80.4 84.5	30 • 4 84 • 5		80 • 4 84 • 5	80•4 64•5	80•4 84•5	80.4 84.5	80.4 84.5	84.5	30.4 84.5	80.4
≥ 3500 ≥ 3000	57.0 89.1	87.1 89.3	67.2 89.5	87.4 89.7	87.4 89.7	87.4 39.8			87.4 89.8		87.4 89.8	87.4 89.8		89.8	87.4 89.8	87.4 89.5
≥ 2500 ≥ 2000	89 • 8 94 • 5	90.5 94.9	90 • 2 95 • 3	90.4 95.5	95.6	90.5 95.8	96.0			90.6 96.2		90.6 96.2	90.3	96.3	90.6 96.3	90.6
≥ 1890 ≥ 1500	95.3 95.4	96.J 95.1	96•5 95•8	97.0		97.2 97.6	97.7		97.6 97.9		97.9			98.0		
≥ 1200 ≥ 1000	95.7 95.7	96.4 ^\$.4	97.1	97.3	97.5 97.6	97.9 98.0	98.4		98•4 98•6	98.6	98.6		98.7	98.7	98.7	
≥ 900 ≥ 800	95.7 95.8	90.4 96.5	97.3		97.6	96.3	98 • 4 98 • 7		98.6 99.0		99.0		99.1	99.1	99.1	98.7
≥ 700 ≥ 600	95.8 95.8	96.5	97.3	97.7	97.9	98.3 98.4			99.5	99.1	99.1	99.0	99.2	99.2	94.2	99.1 99.1 99.2 99.4
≥ 500 ≥ 400	°5•8	96.5	97.3 97.3	97.8	98.D 98.Z	99.5 98.7	99.3		99.3	99.3	99.5	99.3	99.7	99.7	99.7	99.7
≥ 300 ≥ 200	95 • 8 95 • 8	96.7 96.7	97.5 97.5	97.9	98.4	99.1	99.7		99.9		99.9	99.9	100.0	100.0	100.0	100.6
≥ 100 ≥ 0	95 • 8 95 • 8	96.7 96.7	97.5 97.5		98.4 98.4		99•7 99•7	99.9 99.9	99.9		1			100.0		100.0

TCTAL NUMBER OF OBSERVATIONS.

86

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GATA PROCESSING BRANCH USAF ETAC AIR HEATHER SERVICE/44C

## CEILING VERSUS VISIBILITY

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22106

WHEELER AFE HI

67-70,73-78

OCT

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3933-1100

CEILING							VIS	BILITY ST.	ATUTE MIL	ES						
(FEET	≥10	≥5	≥5	≥4	≥3	≥2 າ	≥ 2	≥112	≥1 4	≥1	≥ 3,4	≥'a	≥ 5	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	57.4 53.1	1 1	57.4 63.1		9 7	57.5 63.2	57.5 63.2		57.5 63.2	57.5 63.2		57.5 63.2	57.5 63.2	57.5 63.2	57.5 63.2	57.5 63.2
≥ 18000	53.2 53.5	63.2 63.5	63.2 63.5	63.3 63.7	63.3 63.7	63.3 63.7	63.3 63.7	63.3 <u>63.7</u>	63.3 63.7	63.3 63.7	63.3 63.7	63.3 63.7	63.3	63.3 63.7	63,3 63.7	63.3 63.7
≥ 14000 ≥ 12000	54.5 56.2	54.5 66.2	66.2	64.7 65.3	64.7 66.3	64.7 65.3	64.7 .3	66.3	64.7 66.3	64.7 66.3	64.7 66.3	64.7 56.3	64.7 66.3	64 • 7 66 • 3	64.7 66.3	64.7
≥ 10000 ≥ 9000	67.4	66.8 67.4		66.9 67.5		66.9	67.5	66.9 67.5	66.9 67.5	66.9 67.5		66.9 67.5	66.9 67.5	66.9 67.5	66.9 67.5	66.9
≥ 8000 ≥ 7000	58.1 68.1	65.0 68.1	68.0 68.1	68.2	68 • 1 58 • 2	68 • 1 68 • 2		65.1 68.2	68•1 68•2	68.1 65.2	68.1	58.1 68.2	68.1 68.2	68.1 68.2	68•1 68•2	68.1 68.2
≥ 6000 ≥ 5000	70.1	75.2	68.5 70.2	68.6 70.3	70.3	68.6 70.3	68•6 70•3		68.6 70.3	68.6 70.3		68.6 70.3	68.6 70.3			66.6 70.3
≥ 4500 ≥ 4000	74.3 50.1	74.4 80.3	74.5 89.4	80.á	83.6	74.6 30.6				74.6 30.6	80.5	74.6 80.6	74.6 80.6	74.6 80.5	74.6 20.6	74.6 30.6
≥ 3500 ≥ 3000	23,5	0.85	84.2 88.1	84.4 88.3	81.4 83.3	24.4 98.3	88.3			84.4		84.4 86.3	84.4 88.3		84 • 4 88 • 3	84.4 88.3
≥ 2500 ≥ 2000	94.3	9C.2	90.3 95.1	90.5 95.4	95.7	90.6 95.7	90•6 95•7	95.9	90.ē	90.5 95.9	96.1	90.6 96.1	90.6 96.2	96.2	90.6 96.2	90.6
≥ 1800 ≥ 1500	95.1 95.7	95.9 96.8	96.2	96 • 8 97 • 7	98.1	97•2 98•3	97.2 98.4	97.5 98.7	97.5 98.7	97.5 98.7	98.9	97.7 98.9	97.8 99.0	99.0		97.8 99.C
≥ 1200 ≥ 1000	95.6 96.0	97.0 97.2		98.3	98.4	93.6 98.8		99.0 99.2		99.5 99.2	99.5	99.2 99.5	99.6			99.4
≥ 900 ≥ 800	96.0	97.2 97.3		98 • 3 98 • 4	98.8	98.8 99.0	98.9 99.1	99.2 99.5		99.2 99.5				99.8		99.6
≥ 700 ≥ 600	96.0	97.4	97.7			99.0	99.1 99.2		99.5	99.5	99.8			99.9	99	99.9
≥ 500 ≥ 400	96.0 96.0	97.4	97.8 97.8		98.9	99.1 99.1	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0 100.0	100.0
≥ 300	96.0	97.4	97.8	98.5	98.9	99.1	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.7 100.0	100.0
≥ 100 ≥ 0	96.0	1		1		99.1			99.7 99.7	99.7 99.7					100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS...

930

USAF ETAC 144 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRET

CATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

22536

"HEEFE ALB HI

67-70,73-78

OCT

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	BILITY 'STA	ATUTE MILI	ES1						
FEET	≥10	≥6	≥5	≥ 4	≥ 3	≥2 2	≥2	≥1 ?	≥1:	≥1	≥ 14	≥ 2/9	≥ >	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	46.7	46.9	46.4	,,,,,	45.5	46.5	45.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	
	34.0	54.3	54.3	54.3		54.3	54.3	54.3	54 • 3	54 • 3	54.3	54.3	54.3	54.3	54.3	54.3
18000	54.2	54.5	54 • 54	54.5 54.7		54.5	54.5	54 • 5 54 • 7	54.5 54.7	54.5 54.7	54.5	54.5 54.7	54.5 54.7	54.5	54.5 54.7	54.5
≥ 14000	55.1	56.5	56.5		56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5		56.5	
≥ 12000	57.1	57.4		i i	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	
≥ 10000	58.0	58.4	58.5	55.5	53.5	5 3 . 5	58.5	58.5	58.5	58.5	58.5	58.5	56.5	58.5	58.5	58.5
1 ≥ 9000	£8.6		59.1	59.1	59.1	[	59.1	59.1	59.1	59.1	59.1	59.1		59.1	59.1	59.1
≥ 8000	9.0	59.5	59.5	59.6	59.6		59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.5	
≥ 7000	59.6	63.0		60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	6C.1	60.1	50.1
≥ 6000	59.9	50.3	62.4	6C.4	62.4	60.4	63.4	50.4	60.4	60.4	60.4	60.4	60.4	6G-4	60.4	
≥ 5000	51.7	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 4500	67.4	68.1	58.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	58.3	68.3	66.3	68.3	68.3	68.3
≥ 4000	72.9	73.5	_73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.2	73.8	73.8	73.8	73.8	73.8
≥ 3500	77.7	78.4	78.6	78.6	78.6	78.7	78.7	73.7	78.7	78.7	78.7	78.7	78.7	78.7	78 • 7	78.7
≥ 3000	60.9	81.7	82.3	82.3	92.3	82.4	82.4	42.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	32.4
≥ 2500	57.5	88.6	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000	c3 • 1	94.4	94.5	95.3	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9
≥ 1800	74.1	95.4		i 1	, , ,	96.5	96.7	96.8	96.8		96.8	96.8			97.0	1
≥ 1500	94.9		97.0		97.5	97.6	97.8	98.0	98.0	98.0	98.0			98.2	95.2	98.2
≥ 1200	95.3	96.5	97.2	97.7	97.7	97.8	98 • 1	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4
	95.3	96.8	97.5	98 • 1	98.1	98.2	98.4	98.6	98.6	98.6	98.6	98.6		98.9	98.9	98.9
≥ 900 ≥ 800	√5 <b>.</b> 5	1	97.7	98.3	98.3	98.4	98.6	98.8	98.8	98.8	98.8	98.3	99.1	99.1	99.1	99.1
L	95.5		97.7		98.4	98.5	98.7	98.9	98.9	98.9	98.9	98.9		99.2	99.2	99.2
≥ 700	95.5			98.3	98.4	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	,
<u> </u>	95.5	,,,,,	97.7	98.3	93.4	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	
≥ 500 ≥ 400	95.5 95.5	97.0	97.7	98.3	98.4	98 • 5	98.9	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
Ļ		97.0	97.7			98 • 5	98.9 99.0		99.2		99.2	99.2	99.6	29.6	99.6	99.6
≥ 300 ≥ 200	95.5	97.0	97.7	98•4 98•4	98 • 5 98 • 6	98.6	99.2	99.5	99.5	99.5 99.7	99.5 99.7	99.5	99.8	99.8	99.8	
	95.5		97.1	98.4	98.6	98.7	99.2	99.7	99.7	99.7	99.7			100.0 100.0		
≥ 100 ≥ C	95.5		97.7		98.6	98.7	99.2	99.7	99.7	99.7	99.7			100.0		
لـــــــا	7383	37.04	7101	,,,,,,	76.0	75 0 1	7704	7701	7701	7701	7701	7701	100.0	100.0	100.0	. 00 • 0

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRE

-GETA PHOCESSING BYANCH LSAF ETAC AI- JATHER SERVICE/MAG

## CEILING VERSUS VISIBILITY

22576 AFELER AFE HI

67-70,73-78

OCT

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	BILITY ISTA	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	24	≥3	≥2 ?	≥ 2	≥1 ′2	≥1 4	≥1	≥ 1⁄4	≥ >a	≥ ′5	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	46.0 53.8	46.1 54.1	45.1 54.0	46.0 54.0	46.C 54.C	46 • 1 5 4 • 1	46.1 54.1	46.2 54.2	46.2 54.2	46.2 54.2	46 • 2 54 • 2	46.2 54.2	46.2 54.2	46.2 54.2	46.2 54.2	46 • 2 54 • 2
≥ 18000 ≥ 16000	54.0 54.2	54.2 54.4	54.4 54.4	54 • 2 54 • 4	54 • 2 54 • 4	54.3 54.5	54.3 54.5	54.4 54.6	54.4 54.6	54 • 4 54 • 5	54 • 4 54 • 6	54.4 54.6	54.4 54.6	54.4 54.6	54•4 54•6	54 • 4 54 • 6
≥ 14000 ≥ 12000	55.9 58.9	56 • 1 59 • 1	55.1 59.1	56.1 59.1	56.1 59.1	56.Z 59.2	56.2 59.2	56.3 59.4	56.3 59.4	56.3 59.4	56.3 59.4	56.3 59.4	56.3 59.4	56.3 59.4	56 • 3 59 • 4	56.3 59.4
≥ 10000 ≥ 9000	5.03 2.03	60.4	60.9	60.5 60.9	60.9	60.6 61.0	61.0	60.8	60.8 61.1	60.8	60.8 61.1	60.8 61.1	60.8 61.1	60.8 61.1	60.8 61.1	60.8
≥ 8000 ≥ 7000	61.0 61.9	61.2	62.3	61.3	61.3 62.3	51.4 52.4	61.4 62.4	61.5 52.5	61.5 62.5	61.5 62.5	61.5 62.5	61.5 62.5			61.5 62.5	61.5
≥ 6000 ≥ 5000	64.1	62.5	52.7 64.4	52.7 64.4	62.7 64.4	52.8 64.5	62•5 64•5	62.9 64.6	62.9 64.6	62.9 64.6	62.9 64.6	62.9 64.6	64.6	52.9 64.6	62.9 64.6	62.9
≥ 4500 ≥ 4000	67.7	68.1 72.6	68.2 72.9	68.2 72.9	6ۥ2 72•9	66.3 73.0	68.3	68.4 73.1	68.4 73.1	68.4 73.1	68•4 73•1	68.4 73.1	68.4 73.1	68.4 73.1	68.4 73.1	73.1
≥ 3500 ≥ 3000	77.5 82.0	78.1 82.9	76.2 83.0	78.2 83.2	79.2 83.2	75.3 83.3	78.3 83.3	78.4 83.4	78.4 83.4	78.4 83.4	78.4 83.4	78.4 83.4		76.4 83.4	78.4 83.4	78.4 83.4
≥ 2500 ≥ 2000	58.J 94.1	95.2	89.2 95.7	89.5 95.9	89.5 95.9	39.6 96.1	89.6 96.1	89.8 96.8	89.8 96.8	89•8 96•8	89.8 96.8	89.8 96.8		89.8 96.8	89.5 96.8	89.8 96.3
≥ 1800 ≥ 1500	95.6	95.7 97.1	97.2 97.8	97.4	97.4	97.6 98.4	97.6 98.4	98.3 99.0	98.3 99.0			98.3 99.0		99.0	98.3 99.0	98.3 99.0
≥ 1200 ≥ 1000	95.7 95.7	97.2 97.2	98•0 98•0		98•3 98•3	98 • 5 98 • 5	98•5 98•5	99.1 99.1	99•1 99•2	-	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1
≥ 900 ≥ 800	95.7 95.7	97.2 97.2	98.0 98.0	98.3 98.3	98.3	98.5 98.5	98.5 98.5	99.1 99.1	99.2	99.6	99.6		99.6		99.6	99.6
≥ 700 ≥ 600	95.7 95.7	97.2	98•0	98.3 98.3	98•3 98•3	93.5	98•5 98•5	99.1 99.1	99.2	99.7	99.7	99.7 99.7			99.7 99.7	99.7
≥ 500 ≥ 400	95.7 95.7	97.2 97.2	98•0 98•0	98.3 98.3	98.3	98.5 98.5		99.1 99.1	99.2	99.7 99.8				99.8	99.8	
≥ 300 ≥ 200	95.7 95.7	97.2	98•1 98•1	98.4	98.4	98.6 98.6		99.4			100.0		100.0		100.9	
≥ 100	95.7 95.7	97.2 97.2	98.1 98.1	98.4 98.4	98.4 98.4	98.6 98.6	98•7 98•7	99.4 99.4			100.0 100.0					

TOTAL NUMBER OF OBSERVATIONS...

931

USAF ETAC ALS C-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DESOLE

CATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

22505 AHEELER AFB HI

67-70,73-78

OCT

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1830-2000

CEILING							vis	IBILITY STA	ATUTE MIL	ES,					<del></del>	
FEET	≥10	≥6	≥ 5	24	≥3	≥2 7	≥ 2	≥1?	≥1 4	≥1	≥ 1,4	≥ 2/9	≥ ÷	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	57.5 52.0	57.9 62.5	57.9 62.5	57.9 62.5		57.9 62.5		57.9 62.5		1	57.9 62.5	57.9 62.5	57.9 62.5	57.9 62.5	57.9 62.5	
≥ 18000	52.1 62.6	52.5 53.1	62.6 63.1	62.6 63.1	62.5 63.1	62.6 63.1	62.6 63.1	62.6 63.1	62.6 63.1	62.6 63.1	62.6 63.1	62.6 63.1	62.6 63.1	62.6 63.1	62.6 63.1	
≥ 14000 ≥ 12000	63.7 65.5	64.1 65.9	66.1	64 • 1 66 • 1	64 • 1 65 • 1	54 • 1 55 • 1	64.1 66.1	64 • 1 66 • 1	64.1 66.1	64.1 56.1	64 • 1 66 • 1	64.1 66.1	64.1 66.1	64.1 66.1	64.1 56.1	64 • 1 66 • 1
≥ 10000	66.8 67.1	67.3 67.6	67.4	67.4 67.7	67.4	67.4 67.7			67.4 67.7	67.4 57.7	67.4 67.7	67.4 67.7	67.4 67.7	67.4 67.7	67.4 67.7	67.4 67.7
≥ 8000 ≥ 700G	67.4 68.1	67.9	68.0 68.6	68.0 58.6	68.0 58.6	6.83 6.84	68.6	68.0 68.6	68.6		68.0 68.6	68.0 68.6	68.0 68.6	69.0 68.6	68.0 68.6	68.0 66.6
≥ 6000 ≥ 5000	58.4 70.4	63.8	69.0 71.0	69.0 71.0	71.0	69.0 71.0	71.0	59 • G 71 • G	69.0 71.0	71.0	<del></del>	69.0 71.0	69.0 71.0	69.0 71.0	69.0 71.0	
≥ 4500 ≥ 4000	72.2	72.6	73.5 76.8	73.0 76.8	73.0	73.0 76.8	76.8		73.0 75.8	76.2	73.0 76.8	73.0 76.8	73.0 76.5	73.0 76.8	73.0 76.8	73.0 76.8
≥ 3500 ≥ 3600	79.9 85.0	81.0	85.8	81.2	81.2	56.8	36.8		61.2 86.8		81.2 86.8	81.2	81.2 86.8	81•2 86•8	81.2 86.8	81.2
≥ 2500 ≥ 2000	92.5	90.0		90 • 4 95 • 5	90.5 95.8	90.6 96.0	96 . G		90.6 96.0	96 € 🛭	90.6 96.0	90.6 96.0	90.6 96.0		90.6 96.0	96.0
≥ 1800 ≥ 1500	93.6	96.5	97.1 97.1	97.1 97.1	97.4	97.6	97.6	97.6	97.6 97.5	97.6	97.6 97.6	97.6 97.6	97.6 97.6	97.6 97.6		97.6
≥ 1200 ≥ 1000	93.9	96.9	97.5 97.5	97.6 97.6	98.0 98.0	98.3 98.4	98.4	98 • 4 98 • 6	98.4 98.5			98.4 98.6	98.4 98.6	98•4 98•6	98.4 98.6	
≥ 900 ≥ 800	93.9 94.0	96.9	97.8	97.8 98.1	98.2 98.6	98.7 99.0		98.8	98.8	99.2	99.2	98 • 8 99 • 2		98•8 99•2	98.8 99.2	99.2
≥ 700 ≥ 600	94 • C	97.0 97.0	97.8 98.0	98 • 1 98 • 2	98.8	99.2	99.3	99.5	99.4		99.4	99.4			99.4	
≥ 500 ≥ 400	94 • 1	97.1		98.3 98.3	98.9	99.4			99.6			99.6		99.9		99.9
≥ 300 ≥ 200	94 • 1 94 • 1	97.1 97.1	98.2	98.4	99.2	99.5	99.8			100.0	100.0					
≥ 100 ≥ 0	94 - 1	97.1	98.2 98.2	98.4 98.4	99.2 99.2	99.6 99.6					100.0 100.0		1			

TOTAL NUMBER OF OBSERVATIONS...

831

USAF ETAC AT ... 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

-ur:# Processi<del>ng</del> branch l:AF ETAC AI- LEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

22514

AMEELER AFB HI

67-70,73-78

OCT

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	BILITY (ST.	ATUTE MILI	ES						
(FEET	≥10	≥6	≥5	≥ 4	≥ 3	≥2 2	≥ 2	≥17	≥1.	≥1	≥ ¾	≥ >₁	≥ ზ	≥5 16	٤.	≥0
NO CEILING ≥ 20000	67.5 69.7	58.2 79.4	68.2 70.4	66.6 70.8			1				68.6 70.8	68.6 70.8			68.6 70.3	68.6 7ú.8
≥ 18000 ≥ 16000	59.7 69.7	75.4 73.4	70.4 70.4	70.8 79.8	73.8 70.9		1					1			70.8 70.8	70.8 70.8
≥ 14000 ≥ 12000	72.4 71.9	71.0 72.5	71.9 72.5	71.5 73.0	71.5 73.0	1	71.5 73.3				71.5 73.0		71.5 73.0			71.5 73.0
≥ 10000 ≥ 9000	73.4 73.4	74.1 74.1	74.1 74.1	74.5 74.5	74.5	74.5	74 • 5 74 • 5	74.5 74.5		74.5 74.5	74.5 74.5	74.5 74.5	74.5 74.5		74.5	74.5
≥ 8000 ≥ 7000	73.9 74.3	74.5 74.5	74.5 74.9	74.9 75.4	75.4	75.4	74.9 75.4	74.9 75.4	75.4	75.4	74.9 75.4	75.4	74.9 75.4	75.4	75.4	75.4
≥ 6000 ≥ 5000	74.3 75.2	74.9 75.3	74.9 75.9	75.4 76.3	75.4 76.3	76.3	76.3	75.4 76.3	76.3	75.4 76.3	75.4 76.3		75.4 76.3	76.3	75.4 76.3	76.3
≥ 4500 ≥ 4000	70.3 79.1	76.9 80.2	76.9	77.3 80.6	77.3 80.6	82.6	83.6					80.6	77.3 80.6		77.3 80.6	
≥ 3500 ≥ 3000	55.0	31.9	81.9	82.4 67.4	87.4	87.4	82.4 87.4		87.4			87.4			82.4 87.4	,
≥ 2500 ≥ 2000	58•0 52•6	89.8 94.8	89.8 95.2	96.4 96.1	96.3	96.3	90 • 4 96 • 3				90.4 96.3		90.4 96.3	90.4 96.3		
≥ 1800 ≥ 1500	92.a	95•Q	95.5 96.7	96 • 5 97 • 6			96.7				96.7 97.9	97.8		97.8	97.8	97.8
≥ 1200 ≥ 1000	93.5 93.5	95.9 95.9	96.7	97.6 97.6			98.0	97•8 98•0	98.0	98.0	97.8 98.0	98.0	98.0	98.3	96.0	98.G
≥ 900 ≥ 800	73.9 93.9	96.3 96.3	97.2 97.2				98.5 98.5	98.5	98.5	98.5		98.5	98.5	98.5	98.5	98.5
≥ 700 ≥ 600	94.3	96.9	97.8 97.8		98.9 98.9		99.1	99.1	99.1	99.1 99.1	99.1 99.1			59.1 99.1	99.1	
≥ 500 ≥ 400	95.0 95.2	97.8 97.8	98.5	99.3		99.8		100.0	100.0	100.0	100.0	100.0	100.0	100.3	100.3	100.0
≥ 300 ≥ 200	95.2	97.8	98•7 98•7	99.6	99.8	99.8	100.0	100.0	100.0 100.0	100.0	100.0	109.0	100.0	100.J	100.0	100.0
≥ 100 ≥ ¢	95.2	97.8 97.8	98.7 98.7	99.6 99.6					100.0 100.0							

TOTAL NUMBER OF OBSERVATIONS...

45

USAF ETAC FILE 0-14-5 (OL A) PERVIOUS EDITIONS OF THIS FORM ARE DISOLETE

DATA PROCESSING BRANCH USAS ETAC AIS WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

AHEELER AFB HI

67-70,73-78

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CERUNG							VIS:	BILITY STA	NUTE MIL	:5						:
! FEET	≥10	≥6	≥ 5	≥4 .	≥3	≥2 7	≥2	≥17	≥1.	≥1	≥ '.	≥ > ,	≥ ∵	≥5 16	≥.	≥¢ '
NO CEILING ≥ 20000	55.6	55.3	55.5	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9		55.9		i -
	61.2	51.4	61.4	67.5	61.5	51.5	61.7	61.5	61.5	61.7	61.7	61.5	61.7	61.5	61.5	61.7
≥ 18000 ≥ 16000 }	61.6	61.7	51.q	61.7	61.7	61.7	51.9	62.0	61.7	52.C	62.0	61.7 62.0	52.0	61.7 52.0	62.3	i '
≥ 14000	62.3	63.3	63.3	63.1	63.1	53.1	63.1	63.1	53.1	63.1	63.1	63.1	53.1	63.1	63.1	63.1
≥ 12000	54.5	64.9	64.9	65.d	65.0	65.D	55.C	55.0	55.C	65.S	65.0	65.0		65.0	65.0	55.D
≥ '0000	55.7	66.3	65.1	66.2	66.2	66.2	56.2	55.2	06.2	55.2	56.2	66.2	65.2	66.2	65.2	56 . 2
. ≥ 6000	66.1	66.4	66.5	65.5	66.5	55.6	66.6	56.6	66.6	66.6	66.6	66.6	65.6	66.6	65.6	65.5
≥ 8000	65.7	67.0	67.5	67.1	67.1	57.1	67.1	67.1	67.1	67.1	67.1	57.1	67.1	67.1	67.1	67.1
≥ 7000	67.2	67.5	67.3	67.7;	67.7	67.7	67.7	67.7	67.7	57.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 6000	67.5	67.9	55.0	65.0	68.0	58.3	68.D	68.1	68.1	68.1	68.1	68.1	68.1	65.1	1.56	69.1
≥ 5000	69.2	69.5	69.5	69.6	69.6	69.6	59.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	59.7
≥ 4500	72.5	73.3	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4000	77.2	77.7	77.5	77.9	77.9	77.9	77.9	78.5	78.C	78.0	78.0	78.0	73.0	75.0	78.C	78.C
≥ 3500	01.1	81.7	81.3	82.0	82.S	82.0	82.3	32.0	82.0	£2.0	82.0	32.0	82.9	82.0	82.9	82.0
≥ 3000	34.9	85.7	85.9	86.1	85.1	85.2	36.2	86.2	86.2	86.2	86.2	86.2	85.2	86.2	35.2	86.2
≥ 2500	28.0	59.6	89.3	95 • q	93.1	30.1	90.1	90.2	90.2	90.2	90.2	93.2	90.2	99.2	90.2	
≥ 2000	93.6	94.8	95.3	95.6	95.7	95.9	95.9	96-1	96.1	96.1	96.2	96.2	96.3	96.3	96.3	
≥ 1800	94.5	96.0	95.5	96.8	97.0	97.2	97.2		97.5	97.5	97.5	97.5	97.6	97.6	97.6	
≥ 1500	94.9	96.5	97.2	97.5	97.7	97.9	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	95.1	96.7	97.4	97.8	98.Q	98.2	98.3	98.6	98.6	98.6	98.6	98.5	98.7	98.7	98.7	98.7
≥ 1000	95.2	96.5	97.5	97.9	98.1	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.9			98.9
≥ 900 ≥ 800	95.3	66° à	97.6	98.0	93.2	98.5	98.6	98.9	98.9	99.0	99.0	99.0		99.1	99.1	99.1
	95.3	96.9	97.7	98.1	98.4	-3 <u>8•व</u>	98.8	99.1	99.1	99.2	99.2	99.2		99.3	99.3	
≥ 700	95.3	97.3	97.7	98.2	98.4	90.7	98.9	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5
<b>—</b>	95.3	97.0	97.8	98.2	98.5	98.8	98.9	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500 ≥ 400	95.4	97.1	97.9	98.3	98.6	98+9	99-1	99.4	99.5	99.5	99.6	99.6	99.7	99.7		99.7
<u> </u>	95.4	97.1	97.9	95.4	98.7	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.5
≥ 300 ≥ 200	95.4	97.2	97.9	98.4	98.7	99.1	99.3	99.7	99.7			99.8				99.9
	95.4	97.2	97.9	98.4	98.8	99.1	99.4	99.7	99.8	99.9	99.9		100.0			100.0
≥ 100	95.4	97.2	97.9	98.4	98.8	99.1	99.4		99.8		99.9		100.0			100.0
لنست	75.4	71.4	71.9	75.4	75.9	2201	77.4	77.1	77.0	77.7	77.7	77.7	1 20 0	0.0	μυυ•υ	# UU • U

AF STAC AI WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2003-0200

CEILING							٧ı\$	BILITY STA	TUTE MILE	S						
*661	≥10	26	≥5	≥4	≥3	≥27	≥?	≥1 ?	≥1.	≥.	≥	≥ >₁	≥ ,	≥5 16	≥ .	≥0
NO CEIUNG ≥ 20000	50.0 50.0	53.0 53.0	59.3 50.3	50.d	50.0 50.0	50.d	50.0		50.0 50.0			50.0 50.0				
00081 ≤ 00031 ≤	50.1 50.0	50.0 50.0	50.0 1.02	50.0 55.0	50.0 50.0	50.0 50.0	50.0 50.0	1	50.0			50.0 50.0				
≥ 14000 ≥ 12000	50.0	50.0 50.0	50.7	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0	50.0 50.0	50.3	50.0	50.0 55.0		,	50.0	50.C
≥ 10000 ≥ 9000	50.0 20.0	50.3	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0 50.0	<u>5:.0</u>	50.0 52.0	50.5	50.0	50.0 53.3	50.0	50.0	50.0	50.3
≥ 8000 ≥ 7000	50.0 50.0	50.0	50.3 50.3	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0 50.0	50.0	50.0	50.0 50.0	50.0	50.0	50.0	50.0
≥ 6000 ≥ 5000	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50•0 50•0	50.0	50.0	50.0		50.0	50.0	50.0	50.0	50.3	53.0
≥ 4500 ≥ 4000	50.0 50.0 50.0	50.0 50.0	50.0	50.0 50.0	50.0 50.0	50.0	50.0 50.0	50.0			50.0	50.0 50.0	59.0	50.0		50.0
≥ 3500 ≥ 3000	50.0 50.0	50.0	50.0 50.0	50.0 50.0 50.0	50.d 50.d	50.0 50.0	50.0 50.0	50.0	50.0 50.0		50.0	50.0 50.0	50.0		5 <b>0.</b> 9	50.0 53.0
≥ 7500 ≥ 2000 ≥ 1800	75.0 75.0	75.1	75.0	75.0	75.0	75.0 75.0	50.0 75.0		75.0 75.0	50.0 75.0		75.0 75.0		75.0	50.0 75.0	75.0
≥ 1500	75.5 75.5	75.0	75.0 75.0	75.d 75.d	75.0 75.0	75.0	75.0		75.0 75.0	75.0	75.C	75.0 75.0	• -	75.0	75.0	75.0
≥ 1600	75.0	75.0	75.0 75.0	75.0	75.0 75.0	75.0 75.0	75.0	75.0	75.0		75.0	75.D	75.0 75.0	75.0	75.0	75.0
≥ 8uc ≥ 700	75.0	75.3	75.3 75.3	75.0 75.0	75.0	75.5	75.0		75.0	75.0		75.0	75.8	75.G	75.0	75.0
≥ 600	75.0	75.0 75.1	75.3	75.0 75.0		100.0	100.0			106.6	100.0		100.0		160.0	100.0
≥ 400	75.0	75.0 75.0	75.0 75.0	75.0 75.0	- 1113	100.0		100.0		106.0	1	100.0	130.0		100.0	100.0
≥ 200	75.0	75.0	75.0 75.0	75.0 75.0	75.0	100.0	168.0	100.0	100.0	100.0	100.0	100.5	100.0	100.0	163.9	100.0
≥ 0	75.0		75.0	75.0		- (		100.0								

TOTAL NUMBER OF OBSERVATIONS.

LATA PROCESSIAS BRANCH USAF ETAC AL AEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

2320-2500

CEUNG							VIS	BILITY ST	rtute will	ES						
:	≥10	≥6 .	≥5	≥4	≥3	≥2:	≥2	≥1,	≥1.	≥¹	≥ ••	≥ 'n	≥: !	≥4 15	≥•	≥5
NO CE'LING ≥ 70000	26.7	66.7. 56.7	55.7 55.7	65.7 66.7		55.7 56.7					56.7 55.7				56.7; 66.7;	
2008: ≤	. 5 . 7 . 6 . 7	55.7 55.7	66.7 65.7		66.7	56.7			56.7	66.7	65.7	65.7	66.7	55.7	66.7	66.7
≥ 14000 ≥ -2-00	:5.7	56.7	66.7	66.7	65.7.	66.7	56.7	56.7	55.7	66.7	66.7	65.7	65.7	56.7	56.7	56.7.
≥ 11,000 ≥ 15,000	66.7	56.7	66 · 7	56.7i	66.7	56.7	56 . 7	έ <b>5.</b> 7	55.7	65.7		65.7	55.7	66.7	65.7	66.7
≥ 9000	26.7	56.7	56.7	56.7 65.7	66.7	65.7	66.7	56.7		66.7	66.7 66.7		56.7 56.7			
≥ 7000	=6.7. =6.7.	55.7	56.7	66.7.	66.7	66.7	66.7	66.7	66.7	56.7 56.7			66.7	66.7		
≥ 5000	-3.3	33.3	56.7	33.3	85.7i	66.7 83.3	65.7	83.3	65.7 53.3	66.7 63.3		65.7 83.3	66.7	83.3	55.71 93.3	
2 4000 2 3500		100.0		100.d:			130.d			100.0		100.0	100.01			
≥ 3000	÷3.3	105.0		190.d	100-0		130.3	130.0	139.0	130.0	130.0	100.5	100.00	68.0	120.02	36.3
≥ 2500 ≥ 2000	-3.3	100.0	100.0	100.0	100.0	133.0	150.0	100.0	130.0	100.8	139.8	100.3	100.01	00.5	139.3	100.0
≥ 80C ≥ 154C	53.3 63.3	133.4	100.0	190 <b>.</b> d:	100.0	100.0	100.0	100.0	130.0	100.0	100.0	103.0	100.00 130.31	00.3	105.0	100.0
≥ 200 ≥ 000	:3.3 2.55					- 1							100.00 100.00			
≥ 90€ ≥ 800	23.3 63.3	7											100.01			1
≥ 700 ≥ 800	#3.3 83.3				- 1		1						100.01			
≥ 500 ≥ 400	ė3.3	100.0	189.0	100.0	100.0	:00.0	100.0	100.0	190.0	100.0	100.5	100.0	100.00	00.0	160.0	00.0
≥ 30C ≥ 200	63.3	100.0	100.3	100 · Q	100.0	100.0	100.0	100.0	100.0	135.0	100.0	100.0	100.07	00.0	100.00	00.5
≥ 00	e3.3	130.0	100.4	100.0	icc.q	100.0	190.5	190.0	100.0	100.0	103.0	100.0	100.01	00.5	100.07	100.D
≥ 0	ê3.3	100.0	100-4	130.0	100.9	169.q	100.ជ	100.0	190.0	100.0	100.0	100.0	160.3	00.0	100.01	160.0

(FROM HOURLY OBSERVATIONS)

TOTAL HUMBER OF ORSERVATIONS

USAF ETAC ALSA 0-14-5 (OL A) MENOUS ENTITIONS OF THIS FORM ARE DISOLET

EATA PROCESSING BRANCH LOAF ETAD ALC WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

DESCR. RHEELER AFE HE

67-72.73-7ê

NCY

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2602-2802

CERING							visi	BILITY STA	TUTE VILE	5						
FEET	≥10	≥6	≥5 :	24	≥3	≥2 7	≥ 7	≥1;	≥1.	≥,	≥ ',	≥,,	≥ •	≥5 16	≥.	≥0 1
NO CERING ≥ 20000	15.1	56.J £1.2	55.1 51.2	5ê.3 51.2	59.0 6.2	55.1 61.3	55.1 51.3	56 • 1 51 • 1	58.1 61.3	55.1 61.3	58.1 61.3	55.1 61.3	58.1 51.3	55.1, 61.3	53.2	-6.2 61.4
≥ 18000 ° ≥ 16000	51.4 51.5	51.4 51.5	61.5	61.4 51.6	61.6	51.7	61.6 61.7	51.6 61.7	51.5 61.7	61.7	51.7	61.5		51.6 61.7	61.8	61.7
≥ 14000 ≥ 17000	52.2 62.2	52.2 52.2	62.2	52.0 62.2	62.2 62.2	52.3 52.3	52.3 52.3	62.2 62.3	62.2 62.3	62.3	62.2	62.2			52.4	62.3 62.4
≥ 10000 ≥ 9000	24.3	63.9 54.7	64. J	63.9 64.0	63.9 64.0	54.1 54.1	54.1 54.2	64.0 64.1 54.8	54.0 64.0	64.0 64.1	64.1 54.5	54.1 54.1	64.0 64.6	64.5	64 • 2 64 • 2	54.2 54.9
≥ 8000 ≥ 7000 ≥ 0000	9.4.6 33.1 65.3	65.2 65.4	64.7 65.2 65.4	65.2 65.4	64.7	64.8 65.3	65.3	55.3	55.3 65.5	65.3 65.5	65.5	55.3 55.5	65.3 65.5	65.3	55.4	65.9.
≥ 5000	71.9	68.1	68.1	68.1	68.1	62.2	58.2	53.2 72.0	68.Z	68.2 72.0	6E.2	68.2 72.5	58.2	68.2	68.3	53.3
≥ 4000	75.4	75.3	76.5	76.3	75.4	76.4	76.5	76.5 78.8	76.5 78.8	76.5 78.3	76.5		76.5 78.8			76.6 78.9
≥ 3000	25.2 21.4	£1.4	83.0	83.0	81.4 83.1	83.4	83.5	91.8 93.5	81.8 83.5	83.5	83.5	83.5	81.5 83.5			83.6
≥ 2000	1.5E		90.3	95.5 92.2	92.5	92.8	91.2 93.0	91.2 93.0	91.2 93.0	93.G	93.0	91.2	91.2 93.3	93.0	93.1	93.1
≥ 1500 ≥ 1200 ; ≥ 1006	91.2	95.4		96.3	95.4	95.9	95.3 97.5 98.3	96.3 97.6 98.3	96.3 97.6 98.3	97.6 98.3	97.6 97.6	96.3 97.6 98.3	97.6	97.5	97.7	
2 900 2 800	91.9 91.9	95.7 95.7 95.3	96.5 96.5 96.6		97.1	97.7 97.7 98.0	98.3	98.1 98.1	98.3	98.3	98.3	95.3 98.8	96.3	98.3	98.4	
≥ 700 ≥ e00	91.9	95.9		97.1	97.6	98•2 98•2	98.9	99.0	99.0	99.G	99.0 99.0	99.0 99.0	99.0	99.D		,
≥ 500 ≥ 400	92.0 92.0				97.7 97.7	95•3 98•4	99.2 99.3		99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4		99.5	99.6	99.5
≥ 300 ≥ 200	92.0	96.€	97.1	97.5	98.0 98.0		99.5 99.5		99.6	99.6 99.6	99.6	99.6	99.9	99.9	100.0	150.5
≥ 700	92.0	96.0 96.0	97.1 97.1	97.5 97.5	1177	73.71 26.71	99.5		99.6 99.6			99.8 99.8	l .			100.0

TOTAL NUMBER OF OBSERVATIONS_

830

HISAF FTAC SAME 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE ORDIGING

CATA PROCESSING BRANCH LSAF ETAC 41% REATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

225.0

C

C

WHEELER AFB HI

67-70,73-78

VOV

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3900-1103

CEILING					***************************************		VIS	BILITY (ST)	ATUTE MIL	E\$1			<del></del>		<del></del>	
·FEET·	≥10	≥6	≥5	≥4	≥3	≥2 7	≥?	≥1'2	≥1%	≥1	≥ 14	≥ >,	≥ 7	≥5 16	≥.	≥0
NO CEILING ≥ 20000	49.5 56.4	55.9	49.5 56.9	49.5 56.9	49.5 56.9	49.5 55.9		49.5 56.9	49.5 56.9		49.5 56.9	49.5		49.5	49.5 56.9	
≥ 18000 ≥ 16000	56.9 57.4	56.9 57.4	56.9 57.4	56.9 57.4	56.9 57.4	55.9 57.4		56.9	56.9 57.4	56.9	56.9 57.4	56.9 57.4		56.9 57.4	56.9 57.4	56.9
≥ 14000 ≥ 12000	57.6 59.2	57.6 59.2	57.6 59.2	57.6 5 • 3	57.6 59.2	57.6 59.2	57.6 59.2	57.6 59.2	57.6 59.2		57.6 59.2	57.6 59.2	57.6 59.2	57.6 59.2	57.6 59.2	
≥ 10000 ≥ 9000	60.9 61.4	61.5	61.5	61.0 61.5	61.0 51.5	61.0	61.0 61.5	61.G	61.0		1 1	61.5	61.5	61.5	61.0 61.5	61.0
≥ 8000 ≥ 7000	51.5 62.1	61.6 62.3	61.6 52.3	61.0 62.3	61.6 62.3	61.6 62.3		61.6 62.3	61.6 62.3	61.6	61.6 62.3	62.3	51.6 52.3	61.5	51.6 62.3	61.6 62.3
≥ 6000 ≥ 5000	52.7 64.7	62.8 65.3	62.8 65.0	62.8 65.0	62.8 65.0	62∙8 63•0		62.8 65.0	62-8 65-0	1	62.8 65.0	62.8		62.8 65.0	62.8 65.0	62.8
≥ 4500 ≥ 4000	69.9 74.6	70.3 75.3	70.3 75.3	70.3 75.5	70.3 75.6	70.3 75.6	70.3 75.6	70.3 75.6	70.3 75.6			78.3 75.6	70.3 75.6	70.3 75.6	70.3 75.6	70.3 75.6
≥ 3500 ≥ 3000	77.7 32.0	78.8 83.3	78.9 83.5	· · ·	79.2 34.0	79•2 84•0	79.2 84.0	79.2 84.0	79.2 84.0	79.2	79.2	79.2 84.0	79.2	79•2 84•0	79•2 84•0	79.2 84.0
≥ 2500 ≥ 2000	84 • 4 89 • 8	85.8 91.8	86.2 92.3	86.6 92.7	86.7 93.1	86.7 93.1	86.7 93.2	86.7 93.3	86.7 93.3	86.7 93.3	86.7	86.7 93.3	86.7 93,3	86.7 93.3	86.7 93.3	86.7 93.3
≥ 1800 ≥ 1500	91.5 92.4	93.6 94.9	94 • 2 95 • 7	94.6	95.0 97.2	95.1 97.3	95.3 97.4	95.4 97.5	95.4 97.5	95.4 97.5	95.4 97.5	95.4	95.4 97.5	95.4 97.5	95.4 97.5	95.4 97.5
≥ 1200 ≥ 1000	92 • S 92 • S	95,3 95.5	96 • 2 96 • 5	96.8 97.2	97.9 98.2	98.1	98.2 98.5		98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6		98.3 98.6	98.3 98.6	
> 900 ≥ 800	92.8 92.8	95.5 95.5	96.5 96.5	97.2 97.2	98.3 98.4	98.5 98.8		98.9 99.1	98.9 99.1	99.0 99.2	(	99.0 99.2	99.0 99.2	99.C		99.D 99.2
≥ 700 ≥ 600	92•8 92•8	95.5 95.5	96.5 96.5	97.2	98.4 98.4	98 • 8 98 • 8		99.1 99.1	99.1	99.2 99.2		99.2	99.2	99.2 99.2	99.2 99.2	
≥ 500 ≥ 400	92.9 93.0	95.6 95.7	96.6 96.7	97.3 97.4	98.6 98.8	99.0			99.5 99.7	99.7 99.8	99.7 99.8	99.7	99.7	99.7	99.7	
≥ 300 ≥ 200	93.0 93.0	95.7 95.7	96.7 96.7	97.4 97.4	98.8 98.8	99.2 99.2	- 1				100.0 100.0					
≥ 100 ≥ 0	93•0 93•0	95.7 95.7	96.7 96.7	97.4 97.4	98.8 98.8	99•2 99•2				100.0 100.0	100 0 100.0			100.0		[

TOTAL NUMBER OF OBSERVATIONS 8

USAF ETAC TUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

-EATA PROCESSING BRANCH USAF ETAC AIM ACATMER SERVICE/MAC

## CEILING VERSUS VISIBILITY

42508

*HEELER AFB HI

67-70,73-78

NOV ADMITE

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VISI	BILITY (STA	ATUTE MILE	S)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2'2	≥ 2	≥1%	≥1%	≥1	≥ /**	≥ ¾	کر، ح	≥5/16	≥ •	≥0
NO CEILING ≥ 20000	44.5 50.9	44.6 51.0	44.6 51.0	44.7 51.1	44.8 51.2	44.8 51.2		44.8 51.2	44.8 51.2	44.8 51.2	44.8 51.2	44.8 51.2	44.8 51.2	44.8 51.2	44.8 51.2	44.3 51.2
≥ 18000 ≥ 16000	51.0	51.1	51.1	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 14000	51.9	51.2 52.5	51.2	51.4 52.1	51.5	51.5 52.3		51.5 52.3	51.5 52.3	51.5 52.3	51.5 52.3	51.5 52.3	51.5 52.3	51.5 52.3	51.5 52.3	51.5
≥ 12000	54.5	52.9	54.6	53.0 54.7	54.9	53.2 54.9		53.2 54.9	53.2	53.2 54.9	53.2	53.2	53.2		53.2 54.9	54.9
≥ 9000	55.4 56.1	55.6	55.6 55.3	55.8	55.9	56.5	55.9	55.9		55.9	55.9	55.9	55.9			
≥ 7000	56.5	56.8	56.9	56.9	57.1	57-1	57.1	56.5 57.1	56.5 57.1	56,5 57.1	56.5 57.1	56.5 57.1	56.5 57.1	57.1	56 • 5 57 • 1	57.1
≥ 6' 00 ≥ 5000	57.7 60.2	57.9 60.6	57.9 60.6	58.0 60.7	58.2 60.9	58.2 60.9		58.2 60.9	58.2 60.9	58.2	58.2	58.2 60.9	58.2 60.9		58 • 2 60 • 9	
≥ 4500 ≥ 4000	66.3 70.7	66.9	66.5	66.6 71.8	66.8 72.0	66.8		56.8 72.0	66.£	66.8 72.0		66.8 72.0	66.8 72.0	)	: 1	
≥ 3500 ≥ 3000	74.3	75.1 79.8	75.4	75.7 60.5	76.0 80.7	75.0	76.C	76.0	76.C	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2500 ≥ 2000	33.3	85.1	85.6	85.9	86.1	80.7 36.1	86.1	86.2	80.7	86.2		80.7	80.7 86.2	80.7	86.2	86.2
≥ 1800	39.8	92.0	94.5	93.1 95.0		93.5 95.5		93.7 95.7	93.7	95.7	93.7 95.7	93.7 95.7	93.7 95.7	93.7 95.7	93.7 95.7	
≥ 1500	92.8	94-9	95.9	96.4	96.6	96.8		97.2	97.2	97.2 98.3	97.2	97.2	97.2 98.2	97.2 98.2	97•2 98•2	97.2
≥ 1000	92.9	95.7	97.1	97.7	98.1	98.3	58.€	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900 ≥ 800	92.9	95.7	97.1	97.9	98.3	98.5		98.9 99.1	98.9 99.1	99.0 99.2		99.2	99.0 99.2	99.2	99.2	99.2
≥ 700 ≥ 600	92.9	95.7 95.7	97.2 97.2	98 • C	93.4	98.6 98.6	99•0	99.2	99.2	99.3	99.3	99.3	99.3		99.3	
≥ 500 ≥ 400	93.0 93.0	95•8 95•8	97.3	98.1 98.1	98.5 98.5	98.8		99.4	59.4 79.4	99.5 59.7	99.5	99.5	99.7 99.8	99.7	99.8	
≥ 300 ≥ 200	93.1 93.1	95.9	97.4	98.2	98.6	98.9	99.3	99.5	99.5	99.8	99,8	99.8	99.9	99.9	100.0	100.0
≥ 100	93.1	95.9	97.4	98.2		98.9 98.9	99.3	90.5	99.5	99.8	99.8	99.8	99.9	99.9		100.0
[≥ 0	93.1	95.9	97.4	98.4	98.6	98.9	99.3	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS_

886

USAF ETAC 19164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PROCESSING BRANCH LSAF ETAC A15 WEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

22538

*HEELER AFB HI

67-70,73-78

NOV

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VISI	BILITY (ST	ATUTE MILE	ES)						
·FEET·	≥10	≥6	≥5	≥ 4	≥3	≥2 7	≥ ?	≥1%	≥112	≥ı	≥ 1,4	≥ ⅓	≥ %	≥5 16	≥	≥0
NO CEILING ≥ 20000	43.2 50.2	43.2	50.3	43.4 50.5	43.5 50.6	43.5 50.6	43.5 50.6	43.5 50.6	43.5 50.6	43.5 50.6	43.5 50.6	43.5 50.6	43.5 50.6	43.5 50.6	43.5 50.6	43.5 50.6
≥ 18000 ≥ 16000	50.6 50.6	50.6 50.6	50.7	50.8	50.9	50.9	50.9	50.9	50.9 50.9	50.9	50.9 50.9	50.9 50.9	50.9 50.9	50.9 50.9	50.9	50.9
≥ 14000 ≥ 12000	51.9	51.9	52.0	52.2	52.3	52·3 53·4	52.3	52.3	52.3 53.4	52.3	52.3 53.4	52.3 53.4	52.3	52.3	52.3	52.3
≥ 10000 ≥ 9000	54.4 35.0	54.4		54.7	54.8		54.8 55.6	54.8 55.6	54.8	54 • 8 55 • 6	54.8	54.8	54.8	54.8 55.6	54.8 55.6	54.8
≥ 8000 ≥ 7000	56.U 56.5	56.4 56.8	56.5 56.9	56.6 57.0	56.7	56.7 57.2	56.7 57.2	56.7	56.7 57.2	56.7 57.2	56.7	56.7 57.2	56.7 57.2	56.7 57.2		56.7
≥ 6000 ≥ 5000	56.8	57.2 58.5	57.3	57.4	57.5 59.0	57.5	57.5	57.5 59.0		57.5 59.0	57.5 59.0	57.5 59.0	57.5	57.5	57.5	57.5 59.0
≥ 4500 ≥ 4000	53.6	64.2	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 3500 ≥ 3000	73.1 78.0	74.2	74.7	74.9 80.0	75.0 80.1	75.5	75.0 80.1	75.0 80.1	75.0 80.1	75.0 80.1	75.0 80.1	75.0 80.1		75.3 80.1		75.0 8G.1
≥ 2500 ≥ 2000	81.3	82.8	83.3	83.5	83.8	93.8	83.8	63.8	83.8 91.6	83.8	83.8	83.8	8.28	83.8		33.8 91.6
≥ 1800 ≥ 1500	89.0 90.2	91.4	92.3	92.6	93.1	93.1	93.3	93.3	93.3	93.3	93.3 95.6	93.3	93.3	93.3		93.3
≥ 1200 ≥ 1000	90.6	93.9	94.9	95.5 96.1	96.1	96.3	96.5	96.5 98.1	96.5 98.1	96.5 98.1	96.5 98.1	96.5 98.1		96.5	96.5 98.1	96.5 98.1
≥ 900 ≥ 800	91.0	94.4	95.7	96.3	97.3	97.5	98.1	98.3	98.3	98.3	98.3	98 • 3 98 • 8	98.3	98.3	98.3	98.3
≥ 700 ≥ 600	91.3 91.5	94.8 95.0	96.0 96.3	96.8	97.6	97.8 98.1	98.4 98.6	98.8	98.8	98.8 99.0	98.8 99.0	98.8 99.0	98.8	98.8 99.0	98.8	98.6
≥ 500 ≥ 400	91.6	95.2 95.2	96.5	97.0	98 • 1 98 • 3	98.3	99.1	99.4	99.4	99.5	99.5 99.8	99.5	99.5	99.5	99.5	99.5
≥ 300 ≥ 200	91.6 91.6	95.2 95.2	96.5	97.2	98.3 98.3	98.5 98.5	99.3	99.7	99.7	99.8	99.8	99.8		99.8	99.8	99.8
≥ 100 ≥ 0	91.6 91.6	95.2 95.2	96.5 96.5	97.2 97.2	98.3 98.3	98.5 98.5	99.4 99.4	99.8 99.8	99•8 99•8			130.C	100.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS...

661

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE QUIDLETE

-WAFA- PADDISSING- ERANCH UTAF ETAD Al- AFATHER SERVICE/MAD

## CEILING VERSUS VISIBILITY

2250s i

WHEELER AFR HI

67-70,73-78

NOV

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	BILITY IST	ATUTE MILI	S.						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥2 ?	≥ 2	≥1 7	≥11%	≥1	≥ 1 _{/4}	≥ 5/6	≥ 5	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	52.4 55.7	52.5 56.0	52.6 56.0	- 1	52.8 55.1	52.8 56.1	52.8 56.1	52.8 56.1	52.8 56.1	52.8 56.1	52.8 56.1	52.8 56.1	52.8 56.1	52.8 56.1	52.8 56.1	52.8 56.1
≥ 18000 ≥ 16000	56.3 56.5	56.5 56.7	56 • 6 56 • 7		56.7 56.9		56.7 55.9	56.7 56.9	56.7 56.9		56.7 56.9	56.7 56.9	56.7 56.9	56.7 56.9	56.7 56.9	56.7 56.9
≥ 14000 ≥ 12000	56.6 57.2	56.9 57.5	57.5	56.9 57.5	57.0 57.6	57.6	57.0 57.6	57.6	57.5 57.6	57.6 57.6	57.0 57.6	57.0 57.6	57.0 57.6	57.0 57.6	57.0 57.6	57.0 57.6
≥ 10000 ≥ 9000	59.0 59.5	59.8		59.3 59.8	59.4 59.9	59.9	59.4 59.9	59.4 59.9		59.4 59.9	59.4 59.9	59.4 59.9	59.4 59.9	59.4 59.9	59.4 59.9	59.4 59.9
≥ 8000 ≥ 7000	60.4 60.7	60.7 60.9	60.7 60.9	60.7 60.9	60.8	61.1	60.8 61.1	60.8	60.8 61.1	60.8 61.1	60.8 61.1	60.8	60.8 51.1	60.8	60.8 61.1	6D.8 61.1
≥ 6000 ≥ 5000	61.1 62.2	61.3	61.3 63.0				63.1	61.5 63.1	61.5 53.1	61.5 63.1	61.5 63.1	61.5 63.1	61.5 63.1	61.5 63.1	61.5 63.1	51.5 53.1
≥ 4500 ≥ 4000	55.0 68.5	66.3		86.7 70.3	66.8 70.4	70.4	66.8 70.4		70.4	66.8 70.4	66•8 70•4	66.8 70.4	66.8 70.4	56.8 70.4	66.8 70.4	56.8 70.4
≥ 3500 ≥ 3000	71.8 76.6	73.6 78.7	79.1	74.0 79.3	74.1 79.4	79.4	74 • 1 79 • 4	74.1		74 • 1 79 • 4	74 • 1 79 • 4	74.1 79.4	74.1 79.4	74.1 79.4	74 • 1 79 • 4	74 • 1 79 • 4
≥ 2500 ≥ 2000	50.7 86.9	33.6 90.9	91.8	84.4 92.1	84.6 92.8	92.8	84.6 93.0	93.0	93.0	84.6 93.3	84.6 93.0	84.6 93.0				
≥ 1800 ≥ 1500	88.1 88.7	92.1 93.0	93.2		94.2	95.9	94.4	94.4		94.4		94.4			94.4	
≥ 1200 ≥ 1000	89.2	93.2	95.8	95.0 96.0	96.3	97.4	96•8 98•0	98.0	98.0	98.0		96.8 98.0	98.0	98.0		98.0
≥ 900 ≥ roo	89.4	94.2	95.8 96.3	96.0 96.5	97.8	98.1	98.0 96.6	98.0 98.6			98.6	98.0 98.6	98.6	98.6	98.0 98.6	98.6
≥ 700 ≥ 600	89.4	94.2	96.3 98.3	96.5	97.8 98.0	98.2		98.8		98.6 98.8	98.6 98.8	98 • 6 98 • 8	98.8	98.6 98.8	98 • 6 98 • 8	98.8
≥ 500 ≥ 400	89.5 89.5	94.4	96.5		98.3		99.2 99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4 99.4	99.4
≥ 300 ≥ 200	89.5	94.5	96.8	97.2	98.3 98.6		99.2		99.9	99.9	99.9	99.4		99.4	99.4 99.9	99.9
≥ 100 ≥ 0	89.5 89.5		1	1			99.6 99.6				1	99.9				100.0

TOTAL NUMBER OF OSSERVATIONS___

781

USAF ETAC JULISA 0-14-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE DESCLE

SATA PROCESSING BRANCH USAF STAC AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

22532 AMEELER AFB HI STATION NAME

67-79,73-78

NOV

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	BILITY STA	TUTE MIL	ES						Ì
FEET	≥10	≥6	≥5	≥4	≥ 3	≥2 ?	≥ }	217	21.4	≥;	≥ 1,4	≥ 3%	≥ 2	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	59.1	59.6	59.6		59.6	59.6			50.6		59.6	59.6	59.6	59.6	59.6	
	+0.2	63.7	60.7	63.7	63.7	63.7		6C.7	60.7	50.7	60.7	60.7	60.7		60.7	60.7
≥ 18000 ≥ 16000	63.2	63.7	60.7	60.7	50.7	60.7		60.7	60.7	60.7	50.7	60.7	60.7	60.7	65.7	60.7
<u></u>	60.4	62.9	60.9	60.9	60.9	60.9		60.9	65.9		60.9			60.9	60.9	
≥ 14000 ≥ 12000	⇒C•7	61.1	01.1	61.1	61.1	61.1	,	61.1	01.1	61.1	61.1	61.1	61.1	61.1	51.1	
£ 12000	51.3	61.3	61.8	61.8	61.8	61.8		61.8	61.8	61.8	61.8	61.8	61.8	61.6	61.8	51.8
≥ 10005	51.9	62.2	52.2	62.2	62.2	62.2		62.2	62.2	62.2	62.2	52.2	62.2	62.2	62.2	62.2
≥ 9000	62.2	62.5	62.9	62.9	62.9	62.9		62.9	62.9		62.9	62.9	62.9	62.9		
≥ 8000	⇒2•9	63.6	63.6	63.5	63.6	63.6		63.6	63.6	63.6	63.6	63.6	63.6	53.6	63.6	63.6
≥ 7000	62.9	63.6	63.6		63.6	63.6		53.6	63.6		63.6	63.6	63.6	63.6		
≥ 6000	£3.4	64.Q	€4.9	54.0	64.0	64 • Q	64 • C	64.0	64.0	64.0	64.0	64.0	64.0	64.0	54 • G	64.0
≥ 5000	63.E	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 4500	36.7	68.3	63.5	68.5	63.8	68.8	68.8	68.8	68.8	68.8	63.8	68.8	68.8	68.8	68.8	68.8
≥ 4000	70.5	72.5	72.€	72.8	73.0	<u> 73.0</u>	73.0	73.C	73.0	73.0	73.0	73.0	73.0	73.0	73.D	73.0
≥ 3500	73.3	75.3	75.5	75.5	75.7	7: . 7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3000	75.5	77.5	77.8	77.8	78.5	76.0	78.0	78.0	78.0	78.0	78.0	78.0	78.9	78.0	78.0	78.0
≥ 2500	ā1.3	53.6	84.5	84.5	84.7	84 . 7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	36.7	89.4	90.4	90.6	91.0	9. •0	91.2	91.2	91.2	91.2	51.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	38.3	91.0	92.1	92.1	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	29.2	91.9	93.9	93.9	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	89.7	92.4	94.6	94.8	96.4	96.4	95.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	89.9	92.6	94.8	95.1	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	29.9	92.6	94.8	95.1	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	90.6	93.3	95.5	95.7	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	90.6	93.3	95.5	95.7	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	90.8	93.9	96.2	96.4	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	90.8	93.7	96.2	96.4	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	71.d	94.2	96.4	95.6	98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	91.0	94.2	96.4		98.2	98.9		99.1	99.1	99.3	99.3			99.3		99.3
≥ 200	91.0	7	96.4	96.6	98.2			99.3	99.3	99.6	99.8	99.8		99.8		
≥ 100	91.0		96.4		98.2	93.9			99.3				-			100.0
≥ 0	91.0		96.4	1 1					99.3		100.0					(
<u> </u>	ونوني						كتئب	-,,,,,								-22.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 1976 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OREOLETE

<del>-UATA</del> PROCESSI<del>no</del> BRANCH -USAF ETAC -418 WEATHER SERVICI/HAC

#### CEILING VERSUS VISIBILITY

The start perfect the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of

22000 WHEELER AFB HI

67-70,73-79

NOV

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOURS (ST

CEILING							VIS	BILITY (STA	ATUTE MILI	ES.						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 n	≥ ?	≥1′5	≥1 4	≥ı	≥ 34	≥'•	≥ າ	≥ 5-16	≥.	≥0
NO CEILING ≥ 20000	50.3 55.4	55.5	50.4 55.5	50.4 55.6		50•5 5 <b>5•7</b>	50.5 55.7	59.5 55.7	53.7 55.7	50.5 55.7	50.5 55.7	50.5 55.7		, ,	50.5 55.7	
≥ 18000 ≥ 16000	55.6 55.8	55.8 55.9	55.ā 55.9	55.a 56.0	55.9 56.1	55•9 56•1		55.9 56.1	55.9 56.1	55.9 56.1	55.9 56.1	55.9 56.1	55.9 56.1	55.9 56.1	55.9 56.1	55.9 56.1
≥ '4000 ≥ 12000	55.4 57.3	56.5 57.4	55.5 57.4	56.6 57.4	56.6 57.5	56.6 57.5	56.5 57.5	56.6 57.5	56.6 57.5	56.6 57.5	56.6 57.5	56.6 57.5		56.6 57.5	56.7 57.5	1
≥ 10000 ≥ 9000	58.8 59.3	55.9 59.5	59.5	59.6	59.6	59•1 59•7	59.1 59.7	59 • 1 59 • 7	59.1 59.7	59.1 59.7	59.1 59.7	59.1 59.7	59.1 59.7	59.1 59.7	59.1 59.7	1
≥ 8000 ≥ 7000	60.0 60.4	60∙2 60∙6	60.2 60.7	60.3 60.7	60.3 60.8	50.4 60.8	60.4 50.8	50.4 60.8	60 • 4 60 • 8	60.4 60.8	60.4 60.8	60.4 65.8		60 • 4 60 • 8	60.4 60.8	60.4 60.8
≥ 6000 ≥ 5000	52.7	61.2	61.2 63.2		63.3	61.3 63.3	61.3 63.3	51.3 63.3	61.3 63.3	61.3 63.3	61.3 63.3	61.3 63.3		61.3 63.3	61.4 63.3	61.4 63.3
≥ 4500 ≤ 4000	67.2 71.7	72.7	72.9	66.1 73.0	73.2	52.2 73.2	68 • 2 73 • 2		68.2 73.2		73.2	68.2 73.2	73.2	58 • 2 73 • 2	68•2 73•2	73.2
≥ 3500 ≥ 3000	74.8 78.7	80.3	76.2 80.5	76.4 80.7	76.5 80.9	76.6 80.9	76.6 80.9	80.9	76 • 6 80 • 9	80.9	85.9	76.6 80.9	30.9	76.6 80.9	75.6 80.9	80.9
≥ 2500 ≥ 2000	52.1 88.4	84.J 90.8	84.5 91.5	84.7 91.8		84.9 92.2			84.7 92.4	92.4	84,9 92.4	84.9 92.4			85.0 92.5	1
≥ 1800 ≥ 1500	90.8	93.9		93.4 95.3	93.9	94.0 96.2	94.2 96.4	94 • 2 96 • 4				94.2	96.4		94.2 96.5	
≥ 1200 ≥ 1000	91.2	94.5	95.6 96.1	96 • f	96.9	97.1 97.7		98.2	97.4 98.2	98.2		98.2		98.2		97.4 98.2
≥ 900 ≥ 800	91.6	95.0	96.2 96.4	96.6 56.9	97.8	97.8 95.1	98.2	98.7	98.7	98.8			98.8	98.8	98.4 98.8	98.8
≥ 700 ≥ 600	91.6		96.4 96.5		98.0	98.4 98.4			93.8 99.0	99.0	99.0		99.0		99.1	99.1
≥ 500 ≥ 400	91.7		96.7	97.3	98.3	98.6 98.7	99.3	99.5	99.5		99.6	99.4 99.6	99.6	99.6	99.6	99.6
≥ 300	91.8	95.4	96.8		98.4	98.8	99.4		99.6	99.8	99.8	99.7 99.8	99.9		99.9	99.9
≥ 100 ≥ 0	91.8	95.4 95.4	96.8 96.8			98.9 98.9	99.4 99.4	· •	99.7 99.7			99.9				100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JULIA 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE OBSOLETE

LATA PROCESSING BRANCH USAF ETAC ALM MEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

2003 WHEELER AFE HI

68,78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3000-0200

CEILING					- "		VIS	BILITY ISTA	ATUTE MIL	ES						
FEET	≥10	۵≤	≥ 5	≥ 4	≥3	≥2 7	≥ 2	217	≥1′₄	≥1	≥ '4	≥ ' <b>t</b>	2 5	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	90.0 90.0	50.0 50.0	50.E	50.0 50.0	50.0 50.0	50.0 50.0		50.0	50.0	1	50.0 50.0	50.0 50.0			50.0 50.0	50.0 50.0
≥ 18000 ≥ 16000	50.0 50.0	50.0 50.0	50.3 50.3	50.0 50.0	50.0 20.0			50.0 50.0	50.0 50.0	1	50.0 50.0				50.0 50.0	50.0 50.0
≥ 14000 ≥ 12000	:3.3 51.1	50.0 61.1	50.0 61.1	50.0 51.1	50.0 61.1	50.0 61.1	7.7.7.7	50.0 61.1	50.0 61.1	50.0 51.1	50.0 61.1	50.0 61.1	50.0	50.0 61.1	50.0 61.1	50.0 61.1
≥ 10000 ≥ 9000	01.1	61.1 61.1	61.1 61.1	61.1	61.1 61.1	51 • 1 61 • 1	61.1 61.1	61.1	61.1 51.1	61.1	61.1	61.1	61.1	61.1 61.1	61.1 61.1	61.1
≥ 8000 ≥ 7000	51.1 51.1	61.1	61.1	61.1	61.1	61.1 61.1	61.1 61.1	61.1	61.1	61.1 61.1	61.1 61.1	61.1 51.1	61.1	61.1 61.1	61.1 61.1	61.1
≥ 6000 ≥ 5000	1 • 1 c 2 ° • رو	51.1 61.1	61.1	51.1	51.1 51.1	51.1 51.1	61.1	61.1	51.1	61.1	61.1	61.1	61.1	61.1	61.1 51.1	61.1
≥ 4500 ≥ 4000	61.1	61.1	61.1	51.1 61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 3500 ≥ 3000	51.1 72.2 53.3	72.2	61 • 1 72 • 2	61.1 72.2 83.3	72.2	61.1 72.2	72.2		72.2	72.2	61.1 72.2	72.2	61.1 72.2	72.2	72.2	61.1 72.2
≥ 2500 ≥ 2000	83.3	83.3 83.3	83.3 88.9	88.9	83.3	33.3 88.9 88.9	88.9	83.3 58.9	83.3 88.9		83.3 88.9	88.9	88.9	83.3 88.9	83.3 88.9	83.3
≥ 1800 ≥ 1500 ≥ 1200	83.3 -3.3	83.3		100.0		100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1090	83.3 83.3			100.0		106.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	23.3	83.3		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
- 600	83.3	83.3 63.3	100.0	100.0	100.0	100.0		170.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.3 E3.3	83.3	100.0	100.0	100.0	100.0	100.0	150.0	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.C
≥ 100 ≥ 0	83.3															100.0

TOTAL NUMBER OF OBSERVATIONS

18

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

SAT: PROCESSING BRANCH USAF ETAC AI: ,EATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

22500 WHEELER AFE HI

67-62,75,78

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 2320-2570</u>

CEILING							VIS	BILITY (ST	ATUTE MIL	ES,						
·fEET	≥10	≥6	≥5	≥ 4	≥ 3	≥2 7	≥ 2	≥1 か	≥14	≥1	≥ ¼	≥ 2-8	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	45.0 45.0	45.0 45.0	45.0 45.0	45.0 45.0	45.0 45.0	45.0 45.0	45.0 45.0	45.0 45.0	45.0 45.0	45.0 45.0			45.0 45.0	45.0 45.0		45.0 45.0
≥ 18000 ≥ 16000	45.0 45.0	45.0 45.0	45.3 45.3	45.0 45.0	45.0 45.0	45.0 45.0		45.0 45.0	45.0 45.0		45.0 45.0		45.0 45.0	45.0 45.0		45.C
≥ 14000 ≥ 12000	45.0 50.0	45.0 50.0	45.0 50.0	45.0 50.0	45.0 50.0	45.0 50.0		45.0 50.0	45.0 50.0	45.0 50.0	45.C		45.0 50.0	45.0 50.0	45.0 50.0	45.0 50.0
≥ 10000 ≥ 9000	55•0 55•0	55.0 55.0	55.0 55.0	55.0 55.0	55.0 55.0	55.0 55.0	55.0	55.0 55.0	55.0 55.0	1 1	55.0 55.0		55.0 55.0	55.0 55.0	55.0	55.0 55.0
≥ 8000 ≥ 7000	55.0 55.0	55.0 55.0	55.0 55.0	55.0 55.0	55.0 55.0	55.0 55.0	55,0	55.0 55.0	55.0 55.0	55.0 55.0	55.0 55.0	55.0 55.0	55.0 55.0	55.0 55.0		55.0 55.0
≥ 6000 ≥ 5000	55.0 55.0	55.0 55.0	55.0 55.0	55.0 55.0	55.0 55.0	55.0 55.0		55.0 55.0	55.0 55.0	55.0 55.0	55.0 55.0	55.0	55.0 55.0	55.0 55.0		55.0 55.0
≥ 4500 ≥ 4000	٠٠٠٥ دعود	55.0 65.0	55.0 65.1	55.0 65.0	55.0 65.0	55.0 55.0	65.C	55.0 65.0	55.0 65.0		55.0 65.0		55.0 65.0	55.0 65.0		55.0 65.0
≥ 3500 ≥ 3000	25.0 70.0	65.0 75.0	65.0 75.0	65.0 75.0	65.0 75.0	65.0 75.0		65.0 75.0	65.0 75.0	65.0 75.0	65.0 75.0		65.0 75.0	65.0 75.0		65.0 75.0
≥ 2500 ≥ 2000	75.0 65.0	80.0 90.0	85.0 95.0	95.0 95.0	85.0 95.0	85.0 95.0	95.0	85.0 95.0	55.0 95.0	95.Ü	85.0 95.0	95.0		85.0 95.0	95.D	
≥ 1800 ≥ 1500	έ5.0 ε5.0	90.0	95.0 95.0	95•0 95•0			95.0	95.0 95.0	95.0 95.0		95.0 95.0	95.E	95.0	95.0 95.0	95.0	95.0 95.0
≥ 1200 ≥ 1000	65.0 85.0	90.0 90.0	95.0 95.0				100.0			100.0		100.0	100.0		100.0	
≥ 960 ≥ 800	c5.0	90.0	95.0 95.0	95.0	100.0 100.0	100.0	100.0		100.0	100.6	100.0	100.0	100.0	100.0		100.0
≥ 700 ≥ 600	85.0 85.0	90.0 90.0	95.0 95.0	95.0	100.0 100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	25.0	90.0	95.0 95.0	95.0		100.0	100.0	100.0	195.3	100.0 100.0	100.5	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	35.0	90.0	95.0 95.0	95°C	100.0	100.0	100.0	100.d	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	85.0 85.0	90.0	95.0 95.0	95.Q	100.0	100.0	100.0	100.q	100.0	100.0 100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0

ILTAL NUMBER OF OBSERVATIONS...

- 21

USAF ETAC 1044 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CATE PROCESSING BRANCH

USAF ETAC AIR AFATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

22500

AHEELER AFS HI

67-79,73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG	_						VISI	BILITY STA	NTUTE MILL	ES						ļ
FEET	≥10	≥6	≥5	≥4	≥3	≥2:	≥2	۲۱۶	≥1.	≥1	≥ ,•	≥ >3	≥ γ	≥5 16	2.	≥0
NO CEILING ≥ 20000	= 3 • 4	53.6		53.5	53.6	53.6	53.6		53.5	53.6	53.6	53.6	53.7		53.?	53.7
	56.6	56.9		56.9	56.9	56.9	56.9	55.9					57.0			
≥ 18000 ; ≥ 15000	55.5	56.9	56.9	56.9	56.9	55.9	56.9	56.9	56.9	53.9	56.9	56.9		57.0		[
	57.1	57.4			57.4	57.4	57.4	57.4	57.4		57.4	57.4	57.5			
≥ 14000	57.1	57.4			57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	
≥ 12000	58.2	58.5	58.5	58.5	58.6	58.6	58.6	56.6	58.6	58.5	58.6	58.6		58.7	58.7	
≥ 10000	66.3	60.5	63.8	60.5	63.6	53.6	60.6	5C.6	50.6	60.5	60.6	60.6	60.7	60.7	60.7	60.7
≥ 9000	51.3	61.2	61.2	51.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	51.4		61.5	61.5	61.5
≥ 8000	51.5	61.7	61.7	61.7	61.8	61.8	61 • ध्		61.8	61.8	61.3	61.8	62.0	62.0	62.0	62.0
≥ 7600	61.8	62.2	52.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4
≥ 6000	vi.1	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.5	62.6	62.6	62.7	62.7	62.7	62.7
≥ 5000	63.4	64.3	64.3	64.3	64.4	64.4	64.4	54.4	64 • 4	64.4	64.4	64.4	64.5	64.5	64.5	64.5
≥ 4500	56 • ₺	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5
≥ 4000	70.5	71.9	71.1	71.1	71.3	71.3	71.3	71.3	71 <u>.</u> 3	71.3	71.3	71.3	71.4	71.4	71.4	71.5
≥ 3500	74.5	.5.1	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5
≥ 3000	77.8	79.2	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	74.5	79.5	79.6	79.6	79.6	79.6
≥ 2500	83.6	5 2.2	82.5	52.6	82.7	52.7	82.7	82.7	82.7	82.7	82.7	82.7	82.9	82.9	82.9	82.9
≥ 2000	36.1	8.9 . 4	89.9	90.d	90.2	90.3	90.7	90.8	90.8	90.6	90.8	90.8	90.9	90.9	90.9	90.9
≥ 1800	57.8	91.3	91.8	91.9	92.1	92.3	92.6	92.8	92.9	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 1500	89.5	93.5	94.0	94.1	94.7	94.9	95.4	95.5	95.5	95.5	95.5	95.5	95.7	95.7	95.7	95.7
≥ 1200	90.2	94.3	95.0	95.2	95.9	96.1	96.9	97,0	97.C	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 1000	90.8	94.9	95.7	95.9	96.6	96.9	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 900	90.5	94.9	95.7	95.9	96.6	96.9	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 800	90.9	95.2	95.9	96.1	96.9	97.1	97.9	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4
≥ 700	91.2	95.4	96.1	96.4	97.2	97.5	98.3	98.6	98.6	98.7	98.7	98.7			98.9	98.9
≥ 600	91.2	95.4	96.1	96.4	97.2	97.5	98.3	98.6	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9
≥ 500	91.2	95.4	96.1	96.4	97.2	97.6	98.7	98.9	98.9	99.0	99.0	99.0	99.4	99.4	99.4	
≥ 400	91.2	95.4	96.1	96.4	97.2	97.7	98.8	99.d	99.0	99.2	99.2	99.2	99.5	99.5	99.5	99.5
≥ 300	91.2	95.4	95.1	96.4	97.2	97.7	98.9	99.2	99.2	99.3	99.3	99.3		99.5		
≥ 200	91.2	95.4	96.1	96.4	97.2	97.7	98.9	99.2	99.2	99.3	79.3					
≥ 100	91.2	95.4	96.1	96.4	97.2	97.7	98.9	99.2	99.2	99.3	99.3	99.3			99.9	
≥ °	91.2	95.4	96.1	96.4	97.2		98.9		99.2	99.3						100.0
L				لتتنا		تننن									2000	

TOTAL NUMBER OF OBSERVATIONS_

82

USAF ETAC NEW 0-14-5 (OL A) MEMOUS EDITIONS OF THIS PORM ARE OBSOLET

GATE PROCESSING BRANCH UTSE ETAC EL- MEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

22508 AMEELER AFB HI

67-7C,73-78

DEC *****

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY 'STA	TUTE MILE	S	_				-	
FEET	≥10	≥6	≥5	≥4	≥3	≥2 つ	≥ 2	≥1 ;	≥1.	≥1	≥ 1,	≥ 2-9	≥ ?	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000	50.6 54.3	50.6 54.3	50.6 54.3	50.6 54.3	50 • 5 54 • 3	50.6 54.3	50.6 54.3	50 • 5 54 • 3	50.6 54.3	50.6 54.3	50.5 54.3	57.6 54.3	50.6 54.3	53.6 54.3	50.6 54.3	50.6 54.3
≥ 18000 ≥ :6000	54.4 54.4	54 • 4 54 • 4	54.4 54.4	3.57	54.4	54 • 4 54 • 4		54 • 4 54 • 4	54.4 54.4	54 • 4 54 • 4	54 • 4 54 • 4	54 • 4 54 • 4	54.4 54.4	54.4 54.4	54 • 4 54 • 4	54.4 54.4
≥ 14000 ≥ 12000	55.0 56.3	55.0 56.9	55.3 56.8		55.0 56.5	55.5 56.8	55.0 56.8	55.0 56.8	55.0 56.8	55.0 56.8	55.0 56.8		55,0 56.8	55.0 56.8		55.0 55.8
≥ 10000 ≥ 9000	56.7 59.3	56.7 59.3	52.7 59.3	55.7 59.3	53.7 59.3	58.7 59.3	58.7 59.3	58.7 59.3	58.7 59.3	58.7 59.3	58.7 59.3	58.7 59.3	58.7 59.3	58.7 59.3	58.7 59.3	58.7 59.3
≥ 5000 ≥ 7000	59.9 60.0	53.0 60.1	60.1	60.0 60.1	60.0 60.1	60.0 50.1	60.0 60.1	60.0 60.1	60.0 60.1	60.0 60.1	60.0 60.1	60.0 60.1	60.0 60.1	60.0 60.1	60.0 60.1	,
≥ 6000 ≥ 5000	62.7	60.7 52.8	6' .7 52.8	65.7 52.8	62.8	60.7 62.8	60.7 62.8	60.7 62.3	60.7 62.€	60.7 62.8	60.7 62.8	60.7 62.8	60.7 62.8	60.7 62.8	60.7 62.8	60.7 62.8
≥ 4500 ≥ 4000	66.8 72.3	67.7	67.1 72.7	67.0 72.7	67.0 72.9	67.0 72.9	72.9	67.0 72.9	72.9	67.0 72.9	67.0 72.9	72.9	67.0 72.9	67.0 72.9	67.0 72.9	67.0 72.9
≥ 3500 ≥ 3000	75.7 77.9	76.1 78.9	75.4 79.2	76.4 79.3	75.5 79.4	76.5 79.4	79.5	76.5 79.5	76.5 79.5	76.5 79.5	76.5 79.5	79.5	76.5 79.5		79.5	76.5 79.5
≥ 2500 ≥ 2000	55.4 85.4	81.5	82.1 68.3	82.2 88.5	82.3 88.9	32.3 39.0	99.4	82.5 89.5	89.5	82.5 89.9	82.5 89.9	82.5 89.9	82.5 89.9	92.5 89.9		
≥ 1950 ≥ 1500	58.1 89.4	90.4		91.7	92.0	92.1 93.8			92.7	93.0 94.9	93.8 94.9	93.G 94.9	93.0 94.9	93.0 94.9	93.0 94.9	94.9
≥ 120C ≥ 1000	90.1 90.8	92.9	94.9	94.5	94.8	94.9		95.7 96.8	95.7 96.8	96.1 97.2	96.1 97.2	96.1 97.2	96.1 97.2	96.1 97.2		96.1 97.2
≥ 900 ≥ 800	90.9 91.0	94.0	95.3 95.6	95.8	96.2	96.6	97.1 97.4	97.2	97.2 97.5	97.9	97.5 97.9	97.5 97.9	97.5 97.9		97.5 97.9	97.5
≥ 700 ≥ 600	91.1	94.1	95.7	96.3 96.3	96.6	96.7	97.5 98.1	98.2	97.6 98.2	98.0 98.5	98.0 98.5	98.0 98.5	98.5	98.0 98.5		96 • C 98 • 5
≥ 500 ≥ 400	91.3 91.3	94.4	95.9 95.9	96.5	97.4	97.5 97.6	98.9	9E.9 99.1	98.9	99.2	99.5	99.5	99•2 99•5		99.2 99.5	
≥ 300	91.4	94.5 94.5	96.1	96.6	97.5 97.5	97.7 97.9	99.0 99.1 57.1	99.4	99.3	99.8 99.9	99.8	99.8		99.8		99.8
≥ ;00 ≥ 0	91.4	94.5	96.1	96.6 96.6	97.5	97.9		99.4	99.4 99.4	99.9	99.9		99.9		130.0	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS_

88

USAF ETAC ALM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLUTE

LATE PROCESSING BRANCH USER ETAC AIR WEATHER SERVICE/HAC

#### CEILING VERSUS VISIBILITY

SARON MEELER AFB HI

67-73,73-78

DEC

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1230-1400

CEILING							VISI	BILITY STA	TUTE MILI	ES						
: FEE1	≥10	≥6	≥5	≥4	≥3	≥2?	≥2	≥17	<u>≩</u> 1.	≥1	≥ '•	≥ ′•	2	≥5 '5	≥ .	≥0
NO CEILING   ≥ 20000	47.6 52.2	47.7 52.3	47.7 52.3	47.7. 52.3	47.7	47.7 52.3		47.7 52.3	47.7 52.3		47.7 52.3	47.7 52.3	47.7 52.3	47.7 52.3	47.7 52.3	
≥ 18000 ≥ 16000	52.2 52.4	52.3 52.5	52.3 52.5	52.5 52.5	52.3 52.5	52.3 52.5	,	52.3 52.5	52.3 52.5	52•3 52•5	52.3 52.5	52.3 52.5	52.3 52.5	52.3 52.5	52 • 3 52 • 5	52.4 52.6
≥ 14500 ≥ 12000	53.3 55.6	53.4 55.7	53.4 55.7	53.4 55.7	53.4 55.7	53.4 55.7		53.4 55.7	53.4 55.7	53•4 55•7	53.4 55.7	53.4 55.7	53.4 55.7	53.4 55.7	53•4 55•7	
≥ 10006 ≥ 9000	56.9 56.9	56.9 57.1	56.9 57.1	55.9 57.1	55.9 57.1	56.9 57.1	57.1	56.9 57.1	56.9 57.1	57.1	56.9 57.1	56.9 57.1	57.1	56.9 57.1	56.9 57.1	57.0 57.2
≥ 8000 ≥ 7000	57.4 57.5	57.7 57.8		57.7 57.8	57.7 57.8	57.7 57.8	57.8	57.7 57.8	57.7 57.6		57.7 57.8	5:.7 57.8		57.7 57.8	57.8	57.9
≥ 6000 ≥ 5000	57.5 59.8	57.8 60.1	57.8 60.1	57.a 60.1	57.8 60.1	57.8 59.1	60.1	57.8 60.1	57.8 60.1	6C.1	57.8 60.1	57.8 50.1	60.1	57.8 60.1	57.8 50.1	50.2
≥ 4500 ≥ 4000	65.9 72.0	72.5	72.5	72.6	72.6	56.2 72.6	72.6	56.2 72.6	66.2 72.6		66.2 72.6	66.2 72.6	68.2 72.6		66.2 72.6	72.8
≥ 3560 ≥ 3000	74.4	75.2 77.6	75.2 77.6	75.2	75.2	75.2	75.2	75.2 78.0	75.2 78.0		75.2 78.0	75.2 78.0	75.2 78.0	75.2 78.0		
≥ 2500 ≥ 2000	25.6	81.4	81.4	81.5	89.3	51.6 59.4		89.9	89.9	89.9	81.8	81.8		81.8	81.9 59.9	90.3
≥ 1500	68.7 90.2	92.5	91.0 93.2	93.€	91.8	92.0	92.3	92.4	92.4		94.8	94.8	94.8	92.4 94.8	92.4	
≥ 1200	91.5 91.5	93.9	94.5 95.3	95.3 96.4	95.7 96.9	96.0 97.2	96.3 97.6	96.4 97.7 97.8	96.4 97.7	98.0	96.7 98.0 98.2	96.7	96.7 98.0 98.2	96.7 98.0 98.2		
≥ 900 ≥ 800 ≥ 700	91.4	94.6	95.4	96.6	97.4	97.7		98.4	98.3	98.6	98.6	98.2 98.6 98.7	98.6 98.7	98.5 98.7	98.6 98.7	• • •
≥ 630	91.8	94.9	95.9	97.0	97.7	98.2 98.5	98.6	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 500 ≥ 400 ≥ 300	92.1 92.1	95.3	96.2	97.4	98.2	98.7	99.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	1
≥ 200	92.1	95.3 95.3	96.2	97.4	98.3	98.9	99.3	99.4	99.4	99.€	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	92.1	95.3	96.2	97.4	98.3	98.9	99.3	99.4	99:4	, ,	99.9	99.5	1	99.9		100.0

TCTAL NUMBER OF OBSERVATIONS...

<u> 670</u>

USAF ETAC ALM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORNOLET

SATA PROCESSING SPANCH U SE ETAC ALE ADATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

ZZSCS . PEELER AFB HI

67-70,73-18

WONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1539-1700

CEILING :							v.51	BILITY STA	TUTE MILI	5						:
tee.	≥10	≥6	≥5	≥4	≥3	≥27	≥2	210	≥1.	≥1	≥ '•	و√ خ	≥ 7	≥5 16	≥ •	≥0
NO CEILING	44-7	44.9	44,9	44.9	44.9	44.9	:		44.9	45.0			45.0			
	52.1	52.2	52.2	<u> 52•2</u>	<u>52.2</u>	<u> 52.2</u>	52.2	52.2	52.2	52,3		52.3	52.3	52.3	52.3	52.3
≥ 18000	52.I	52.3	52 • 3	52.3	52.3	52.3	,		52.3				52.5		52.5	
≥ 16000	52.7	52.9	52.9	52.9	52.9	<u>52.9</u>	52.9	52.9	52.9				53.0		53.C	
≥ 14000	-3.9	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 12000	0.5 و ت	55.3	55.3	55.3	<u> 55.3</u>	<u>55.3</u>	55.3	<u>55.3</u>	<u> 55.3</u>	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 10000	55.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.5	56.8	56.8	55.8	56.8	56.5	56.3
≥ 9000	57.0	57.2	57.2	57.2	57.Z	57.2	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 8000	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 7000	57.9	58.4	58.4	58.4	53.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58,5	58.5
≥ 6000	58.4	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 5000 °	60.3	61.5	61.0	61. ಭ	61.0	él.d	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	51.1	61.1
≥ 4500	05.4	56.1	66.1	66.1	66.1	66.1	66.1	66.1	56.1	66.2	66.2	65.2	56.2	56.2	66.2	66.2
≥ 4000 . ;	69.3	70.1	79.1	70.1	70.1	70.1	70.1	70.1	79.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 3500	72.1	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.9
≥ 3000	75.5	75.1	76.2	76.2	76.2	76.2	75.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	73.3
≥ 4500	76.3	80.1	80.5	8C.7	80.6	80.5	£1.0	81.0	21.0	81.1	81.1	81.1	61.1	81.1	81.1	51.1
≥ 2000	26.3	83.8	69.3	89.6	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	95.4	90.4	90.4
≥ 1800	39.4	92.3	92.8	93.1	93.7	93.7	93.8	93.8	93.5	93.9	9349	93.9	93.9	93.9	93.9	93.9
≥ 1500	90.3	93.2	93.9	94.4	95.3	95.3	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.5	95.6	95.6
≥ 1200	90.4	93.3	94.3	94.9		95.0	96.1	96.1	96.1	96.5	96.5		96.5	96.5	96.5	96.5
≥ 1000	90.3	93.9	95.2	95.8	97.d	97.1	97.5	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	98.9	94.1	95.3	95.9	97.1	97.4	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	91.5	94.4	95.9	96.4	97.7	98.1	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	91.2	94.5	95.9	96.5	97.8	98.2	98.7	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	91.2	94.5	95.9	96.5	97.8	98.4	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	91.2	94.5	96.0	96.6	97.9	98.5	99.2		99.4				99.8	<del></del>	99.8	99.8
≥ 400	91.2	94.6	96.0	96.6	98.0	98.7	99.3	99.6	99.6		100.0	1	100.0	100.0	100.0	100.0
≥ 300	71.2	94.6	96.0	96.6		98.7	99.3	99.6	99.6	100.0			100.0		100.0	
≥ 200	91.2	94.6	96.d	96.6		98.7	99.3	99.6	99.6			1	ם ממו		100-0	
> 00	91.2	94.5	96.3	96.6			99.3			106.6					100.0	
≥ 00 ≥ 0	91.2	94.6	96.0	96.6			99.3	99.6				100.0				5
	71.4	77.9	70.4	70.00	70.4	7561	7703	77.9	77.0		* 00 0 0	1.00.0	<u> </u>	40000	# 20.0	# 00 • C

TOTAL NUMBER OF OBSERVATIONS

<u>856</u>

USAF ETAC ARM 0-14-5 (OL A) MEVIOUS FORMORS OF THIS FORM ARE ORCOLETE

LAT4 PACCESSING BRANCH .SAF ETAC AL- .EATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

22:36 AFELES AFE HI

Θ

67-73,73-78

050

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-200C

, CERING .							VISI	BILITY STA	tute wile	S						:
' •EE-	≥:c ;	≥6 ;	≥5	≥4	≥3	≥2:	≥?	≥: ,	≥1.	≥1	≥ '•	≥ 30	≥ :	≥5 15	≥• ,	≥c
NO CEILING ≥ 20000	=3.6 50.1	53.4 55.1	53.5 58.1	53.6 55.1	53.6 59.1	53.5 52.1	53.6, 58.1	53.6 58.1	53.6 56.1	53.6 56.1	53.6 53.1	53.6 58.1	53.6 59.1	53.5. 58.1	53.61 55.1	
≥ 18000 ≥ 15000	5 ē • 4 5 £ • 9	58.4 58.9	58.9	58.4 58.9	59.4° 58.9	58.4 58.9	58.41 58.9	58.4 58.9	58.4 58.9	58.4 58.9	58.4 58.9	58.4 58.9		58.4 58.9	58.4 58.9	58.4° 58.9
≥ 14000 ≥ 12000	50.6 cl.5	59.5	59.5 61.5	59.6 61.5	59.6	59.5 51.5	59.6	59.6 61.5	59.6 61.5	59.6 61.5	59.6 61.5	59.6 51.5	59.6 61.5	59.6 61.5	59.61 61.5	59.6 61.5
≥ 4000 ≥ ,0000	53.3 53.5	63.5	63.5	63.5	63.Q 63.5	63.0 53.5	<del></del>	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 8000 ≥ 7000	63.9	64.3	64.3	63.9 64.3	63.9	64.3	53.9 54.3	63.9	63.9	63.9	64.3	63.9		64.3	64.3	64.3
≥ 6000 ≥ 5000	56 - F	66.5	65.5	64.7 ₁ 66.6	64.7	64.7 56.6	66.6		56.5		66.6				64.7 05.5	66.5
≥ 4500 ≥ 4000	72.5	72.7		<del></del>		72.7									72.7	72.7
≥ 3500 ≥ 3600 ≤ 2500	74.9 75.5 č1.4	75.1 79.3	75.1 79.5	75.1; 79.5	75.1 79.5	75.1 79.5	79.5	75.1 79.5	75.1 79.5	75.1 79.5	75.1 79.5	75.1 79.5 83.4	75.1 79.5		75.1; 79.5,	79.5
≥ 2000	£6.9	88.8	89.7	7	90.C	·	90.0	1	90.1	9C-1	90.1	90.1		90.1		90.1
≥ 1500	95.9	93.4	94.5	94.7		1	95.3		95.4	95.4	95.4 97.0		95.4	95.4	95.4	1
≥ 1000	91.3	94.5	95.8	95.7	96.5	96.8	97.3	97.8	97.8 98.1		98.D 98.2		98.0	98.0	98.5	98.0
≥ 600	92.2	94.7	95.9	96.2	97.0	97.5	97.8	98.4	98.4	98.5	98.9	98.5	92.5		- ;	
≥ 500	92.4	95.5	96.5	96.9 97.0	97.7 97.8	98.1	98.5	99.2	99.3	99.3	99.5	99.3	99.3	99.3 99.5	99.3	99.3
≥ 400	92.7	95•8 95•8	97.0	97.3	98.1	98.4	98.9	99.5	99.6	99.7	99.7	99.7 99.7	99.7 97.7	99.7 99.7	99.7	99.7
≥ 200	92.7	95.8 95.8	97.g	97.3	98.2		99.1	99.6	99.7	99.9	90.9		. 1	99.9	100.0	100.0
≥ 3	92.7	95.8	97.0	97.3	98.2	98.5	99.1	99.6	99.7	99.9	99.9	99.9	99.9	59.9	:0C.0	180-0

TOTAL NUMBER OF OBSERVATIONS...

74

USAF ETAC ALM 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE DISOLETE

EATA PRECESSING BRANCH U AF ETAC 419 AEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

ZZSTS _ AMBELER AFS_

67-73,73-78

<u>DEC</u>

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CERING							VI\$:	BILITY STA	JUTE VILL	ES .						<u>:</u>
. 166.	≥10	≥ه :	≥5 .	≥4	≥3 ,	22:	≥2 ;	≥: -	≥1.	≥1	≥ •	≥≒	≥ ;	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	55.7 57.5	55.7 57.5	55.7 57.5	55.7 57.5	55.7 57.5	55.7 57.5	55.7 57.5	55.7 ₁ 57.5	55.7 ¹ 57.5	55.7 57.5	55. I	55.7 57.5	55.7 57.5	55.7 57.5	' '	-
2°8000 2004: ≤	57.5 58.5	57.5 53.5	57.5 53.0	57.5 58.3	57.5 58.3	57.5 56.J	57.5 58.0	57.5 58.3	57.5 58.0	55.0	57.5 58.0	57.5 58.0	57.3 58.0			
≥ 14000 ≥ 12000	59.2 59.0	53.2 59.0	58.4 59.0	52.2 59.3	5°.2	59.0	58.2	58.2 59.3	53.2 59.0			58.2 59.0	59.2 5°.0			•
≥ 0000 ≤	59.8 60.1	59.8 63.1	59.년 60 <b>-</b> 1	59.a	59.8 63.1	59.8 60.1	59.5 60.1	59.8 60.1	59.8 50.1	59.8 62.1	59.8 50.1	59.8 60.1		6C.1	53.1	59.8 60.1
≥ 8000 . ≥ 7000	60.1 60.3	60.1 60.3	63.1 63.3	60.1 60.3	63.1 63.3	50.1 60.3	60.3	60.1 52.3	60.1 60.3	60.1 60.3	60.1 60.3	60.1 60.3	62.1 62.3	60 i	60.1	50.3.
≥ 6000 ≥ 5000	51.1 62.9	61.1 62.9	61.1; 53.1	63.1	63.1	63.1	53.1	61.1	63.1	63.1	63.1	61.1	61.1	61.1	63.1	61.1
≥ 4500 ≥ 4600	66.5	54.7 56.3	64.g	66.8	54.9	64.9 66.5		67.3	67.3	67.C	64.9 57.0		67.3		57.0	67.3
≥ 3500	59.5 72.7	73.5	75.1	74.2	79.2	70.1 74.2	70.4	70.4	70.4	74.5	70.4	74.5	74.5		70.4	74.5
≥ 2500 ≥ 2000	75.8	83.a	85.3	77.6 85.3	77.8 85.6	35.6	78 • 1 25 • 3	78.1 35.5	78.1 35.8		78.1 85.8	78.1 85.8	78.1 85.6	78.1 85.8	85.8	85.£
≥ 800 ≥ 1500	27.3 29.7	93.3	91.8 94.8	91.8	95.1	92.0 95.1		92.3 95.9	92.3		92.3 95.9	92.3 95.9	95.9		95.9	95.9
≥ 1200	90.7	93. q 94. 3	95.9	95.9	96.6	96.1		96.9	95.9	97.4	96.9	97.4	97.4	97.4		
≥ 900 ≥ 800	90.7	94.5	96.6	97.2	96.9	96.9		97.7 98.2			97.7 98.2	97.7 98.2	97.7 98.2		98.2	
≥ 700 ≥ 600	91.5	95.4	97.7	97.7	98.5	98.2	99.0	99.2	99.2	99.2	99.5 99.2	99.2	99.2	99.2	99.2	99.2
≥ 500 ≥ 400	91.5 51.5	95.4	97.9	97.9	99.2					100.0	100.0	100.0	130.6	100.0	100.0	100.0
≥ 30¢ ≥ 200	91.5	95.4	97.9	97.9	99.2	99•2 99•2	100.0		100.0	100.0 166.0	100.0	190.6	160.0	100.3	100.3	
≥ 00 ≥ 0	°1.5	95.4	97.9	97.9 97.9	99.2	- 7									100.0	1

TOTAL NUMBER OF OBSERVATIONS_____

USAF ETAC AREA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISSOUR

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

22508

AHEELEP AFB HI

67~70,73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS IST

CEILING							VISI	BILITY (STA	ATUTE MILE	<b>S</b> ,						
FEET	≥10	≥ 6	≥ 5	≥4	≥ 3	≥2 7	≥ 2	≥11/2	≥1'4	≥1	≥ '₄	≥ ⅓	≥ ⅓	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	30.3 54.7	54.8	50 • • 54 • 8	50.4 54.8	50.4 54.8	50.4 54.8	50.4	50.4 54.6	50.4 54.8	50.4 54.8	50.4 54.8	50.4 54.8	50.5 54.9	50.5 54.9	50.5 54.9	50.5 54.9
≤ 18000 ≥ 16000	54.8 25.2	54.9	54.9	54.9	54.9 55.3	54.9	54.9	54.9 55.3	54.9 55.3	54.9 55.3	54.9 55.3	54.9 55.3	54.9	54.9	54.9 55.3	55.0
≥ 14000 ≥ 12000	55.7 57.4	55.E	55.5 57.5	55.8 57.5	55.8	55.8 57.6	55.8 57.6	55.8 57.6	55.8 57.6	55.9 57.6	55.9	55.9 57.6	55.9 57.0	6	55.9 57.6	55.9 57.6
≥ 10000 ≥ 9000	59.5 59.5	59.1	59.1 59.5	59.1 59.6	59.1	59.1 59.6	59.1 59.6	59.1 59.6	59.1 59.6	59.1 59.6	59.1 59.6	59.1 59.6	59.1 59.7	59.1	59.1 59.7	59.2 59.7
≥ 8000 ≥ 7000	59.9 60.2	60.4	60.1 60.4	60.1 60.4	60.4	60.4	60.1	60.1 60.4	60.1 60.4	60.1 60.5	60.1	60.1 60.5	60.1	60 • 1 60 • 5	60.1 60.5	60.2
≥ 5000 ≥ 5000	£0.6 52.9	67.8 62.5	52.8	60.8 62.8		60.9	60.9	68.9	62.8	60.9 62.9	60.9	60.9	60.9	60.9	60.9 62.9	60.9
≥ 4500 ≥ 4000	6.5 73.8	66.8	66.8	66.8	66.9	66.9	66.9 71.4	66.9 71.4	66.9	56.9 71.4	66.9	66.9	65.9 71.5	66.9	66.9 71.5	66.9
≥ 3500 ≥ 3000	13.8 76.7	74.4	<del> </del>	74.5 78.0	74.5 78.0	74.5 78.0	74.5 73.1	74.5 78.1	74.5 79.1	74.5 78.1	74.5 78.1	74.5 78.1	74.6 78.2	74.6 78.2	74.6 78.2	74.6 78.2
≥ 2500 ≥ 2000	79.7 85.9	81.2	51.c 88.8	81.7 89.0	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9 89.9	82.0	82.0 89.9	82.0 89.9	82.0
≥ 1800 ≥ 1500	6.83 90.0	91.1 92.9	91.0	92.1 94.1	92.5	92.6	92.8 95.1	92.9	92.9 95.2	93.0 95.3	93.0 95.3		93.0 95.3	93.0 95.3	93.0 95.3	93.0 95.4
≥ 1200 ≥ 1000	\$0.9 91.0	93.6 94.2	94.7 95.4	95.1 95.9	95.7 96.6	95.9 96.8	96.3	96.5 97.5	96.5 97.5	96.7 97.7	96.7 97.7	96.7 97.7	96.7 97.8	96.7 97.8	96.7 97.8	96.7
≥ 900 ≥ 800	91.1 91.3	94.5	95.6 95.9	96 • 1 96 • 4	96 • 7 97 • 1	97.0	97.6 98.0	97.7	97.7 98.2	98.4 98.4	98.0 98.4	98.4 98.4	98.0 98.5	98.0 98.5	98.8 98.5	
≥ 700 ≥ 600	91,4 91.5	94.7 94.8	95.1	96.7	97.4 97.6	97.6	98.3 98.6	98.5 98.6	98.5 98.8	- · · · · · · · · · · · · · · · · · · ·	98.7 99.0	98.7 99.0	98.8 99.1	98.8	98.8 99.1	98.8 99.1
≥ 500 ≥ 400	91.6	94,9	96 • 3 96 • 4	96•8 96•9	97.8 97.9	98.2 98.3	99.0 99.1	99.2 99.4	99.2 99.4	99.4 99.7	99.4 99.7	99.4 99.7	99 5 99.7		99.5 99.7	
≥ 300 ≥ 200	91.6 91.6		96.4 96.4	96.9 96.9		98.4 98.4	99.2 99.2	99.4 99.5			99•7 99•8		99.9		99.8 99.9	
≥ 100 ≥ 0	91.6		96.4 96.4	96.9 96.9	1,2,00	98.4 98.4	99.2 99.2	99.5 99.5							99.9 100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 460

-- BATA PROCESSING - ERANCH -- USAF - ETAC -- AIR -- KEATHER - SERVICE/MAC

## CEILING VERSUS VISIBILITY

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ALL

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS ILST

CEILING							VIS	BILITY (STA	ATUTE MILI	ESI						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2⅓	≥ 2	21%	≥14	<u>≥</u> 1	≥ 1,4	≥ ¾	≥ '5	≥5/16	≥ .	≥0
NO CEILING ≥ 20000	49.0 53.2	49.3 53.5	49.3 53.5	49.3 53.5	49.3 53.5	49.3 53.5	49.3 53.5	49.3 53.6	53.6	53.6	1	49.3 53.6		49.3 53.6	49.3 53.6	1
≥ 18000 ≥ 16000	53.4 53.6	53.7 53.8	53.7 53.9	53.7 53.9	53.7 53.9	53.7 53.9	53.7 53.9	53.7 53.9	53.7 53.9	53.7 53.9	53.7 53.9	53.7 53.9			53.7 53.9	53.8 53.9
≥ 14000 ≥ 12000	54 e3 ∋5 • 4	54.6 55.7	54.6 55.7			54.7 55.8	54.7 55.8	54.7 55.8	54 • 7 55 • 8	54 • 7 55 • 8	54.7 55.8	54.7 55.8	54.7 55.8	54.7 55.8	54.7 55.8	
00001 ≤ 0000 ≤	56.5 56.9	56.8 57.2	56.9 57.3		56.9 57.3	56.9 57.3	56.9 57.3	56.9 57.3	56.9 57.3	56.9 57.3		56.9 57.3		56•9 57•3	56.9 57.3	56.9 57.3
≥ 8000 ≥ 7000	57.5 57.9	57.8 58.2	57.8 58.3	57.9 58.3	157.9 58.3	57•9 58•3	57•9 58•3	57.9 58.3	57.9 58.3	57.9 58.3	57.9 58.3	57.9 58.3		57.9 58.3	57.9 58.3	[
≥ 6000 ≥ 5000	58.5 60.8	58.9 61.	58.9 61.2	59.0 61.3	59.5 61.3	59.0 61.3	59.0 61.3	59.5 61.3	59.8 61.3	59.0 61.3	59.C 61.3	59.U 61.3		59.0 61.3	59.0 61.3	59.0 61.3
≥ 4500 ≥ 4000	65.4 70.6	65.9 71.3	66.5 71.4	66.0 71.5		66.1 71.5	66.1 71.5	66.1 71.5	66.1 71.5	56.1 71.5	66.1 71.5	66.1 71.5	66 • 1 71 • 5	66.1 71.5	66.1 71.5	66.1 71.5
≥ 3500 ≥ 3000	74.7 80.0	75.6 81.3	75.7 81.5	75.8 81.6	75.8 81.7	75.9 81.7	75.9 81.8	75.9 81.6	75.9 81.8	75.9 81.8		75.9 81.8			75.9 81.8	
≥ 2500 ≥ 2000	83.9 90.5	85.5 92.8	0201	86.0 93.5		86.2 93.8		86.2 94.0	86.2 94.0			86.2 94.0			56.2 94.0	1
≥ 1800 ≥ 1500	92.2 93.2			95.5 97.1		95.8 97.6		. 1	96.0		1 1	96.1 97.9			96.1 98.0	96 • 1 98 • 0
≥ 1200 ≥ 1000	93.6 93.7	96.5 96.3	97.3 97.6	97.7 98.0		98.3 98.7			98.7 99.0						98.7 99.1	98.7 99.1
≥ 900 ≥ 800	93.8 93.8	96.7 90.8	97.7 97.8	98 • 1 98 • 2	98•6 98•7		99.2		99.1 99.3	99.2 99.4		99.2 99.4			99.2 99.4	
≥ 700 ≥ 600	93.8 93.9	96.9		98.3	98.8 98.9	99.1	99.3 99.4		99.4	99.5 99.6		99.5 99.6		1	99.6 99.7	
≥ 500 ≥ 400	93.9 93.9	97.0			98.9 99.0		99.5	99.6 99.7	99.7 99.7			99.8 99.8		1		99.8
≥ 300 ≥ 200	93.9	97.0 97.0		i 1					99.7 99.8	99.9	99.9	99.9 99.9				
≥ 100 ≥ 0	93.9	97.0 97.0	, , , ,			- 1	- 1				99.9 99.9			_		

TOTAL NUMBER OF OBSERVATIONS 58668

#### TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE ALRWAYS SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

NOTE: PERCENTAGES IN OTHER TENTHS CLASSES SHOULD BE DISRE ARDFD BECAUSE THEY ARE NOT STATISTICALLY SIGNIFICANT.

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

**SKY COVER** 

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	OF TOTAL	SKY COVER	- · · -			MEAN TENTHS OF	TOTAL NO OF
MONIH	(LST)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
JAN	00-02													
	03-05	23.1			30.8				- · · -		26.9	19.2	5.3	26
	06-08	11.1			39.4						32.7	17.8	5.9	854
	09-11	6.1			40.1						36.9	17.0	6.2	906
	12-14	1.2	1.4		34.1	2.1	1.5	• 9		1.4	36.4	20.9	5.7	905
	15-17	1.9			49.2						35.9	22.0	6.5	902
	18-20	7.1			47.5						28.3	17.1	5.7	813
	21-23	17.6			40.7						24.2	17.4	5.1	454
то	TALS	9.7	•2		38.8	• 3	• 2	•1		•2	31.6	18+8	5.9	4860

USAFETAC

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/HAC

**SKY COVER** 

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER MEAN TOTAL HOURS HTMOM TENTHS OF NO OF (LST) 0 SKY COVER OBS FEB 20-02 03-05 3.0 33.3 50.0 16.7 05-08 13.8 38.9 30.9 16.5 5.6 790 59-11 5.1 31.9 41.1 21.9 6.3 846 12-14 .7 1.9 32.6 1.4 .8 1.1 2.4 35.D 24.1 6.9 846 15-17 .7 36.3 39.6 23.3 7.0 845 18-20 7.5 43.0 30.1 19.5 5.9 775 21-23 19.5 36.1 29.0 15.4 5.2 441

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FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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CATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

**SKY COVER** 

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PEPCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER	:			VEAN TENTHS OF	TOTAL NO OF
MONIA	(LST)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	055
MAR	00-02		_								100.0		9.0	:
	03-05				25.0						25.0	59.0	8.0	
	06-08	6.9			37.4						33.1	22.5	6.4	879
	09-11	2.4			33.9						40.4	23.3	7.0	\$31
	12-14	•6	• 3		29.1	1.9	1.5	1.4		1.4	41.7	22.1	7.2	929
	15-17	1.8			34.7						42.2	21.3	7.0	929
	18-20	3.2			36.9						36.1	23.8	6.7	88
	21-23	6.9			38.9						31.5	22.7	6.3	47
	<u> </u>									ļ		<u> </u>		
10	TALS	2.7	•0		29.5	•2	•2	•2		•2	43.8	23.2	7.2	502

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

**SKY COVER** 

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS				PERCENTAGE	FPEQUENC	Y OF TENTH	S OF TOTAL	SYY COVER	!			MEAN TENTHS OF	TOTAL NO OF
MONTH	(LST)	0	1	2	3	4	5	6	7	8	9	10	SKY COVES	OBS
APE	CG-G2		_		50.0						50.0		6.0	6
	03-05				55.6						22.2	22.2	5.9	
	C5-D8	4.2			35.3				····	<u> </u>	39.7	20.9	6.7	834
	29-11	.4			33.4				·		45.3	20.8	7.2	894
	12-14		• 6		27.9	1.2	1.9	. 9		1.1	42.9	23.5	7.3	89
	15-17	• 2			33.3						43.0	23.5	7.2	891
	1e-20	2.0			31.9					<u> </u>	42.5	23.5	7.1	831
	21-23	5 • 3			31.6						35.3	27.9	6.9	45
10	TALS	1.5	• 1		37.4	•2	•2	•1		•1	40.1	20.3	6.8	481

DATA PROCESSING BRANCH ETAC/USAF AIR HEATHER SERVICE/MAC

**SKY COVER** 

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#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				FERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				WEAN TENTHS OF	TOTAL
MONTH	(LST)	0	1	2	3	4	5	6	7	; e	2	10	SKY COVER	NO OF OBS
MAY	0-02				25.0							75.0	8.3	4
	D3-05		'											
	p6-08	3.3			43.3						40.0	16.5	6.5	856
	09-11	•4			37.2						47.5	14.5	6.9	925
	12-14	• 4	• 2		30.0	1.3	1.2	1.6		1.4	45.4	18:5	7.2	928
	15-17	• 5			29.4						48.2	21.9	7.4	929
	18-20	1.1			33.7						43.9	21.3	7.1	845
	21-23	7.3			35.6						39.7	17.4	6.4	466
-														
70	TALS	1.9	•0		33.0	•2	•2	•2	<del></del>	•2	37.8	26.5	7.1	4953

USAFETAC

FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH ETAC/USAF AIR MEATHER SERVICE/MAC

**SKY COVER** 

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SKY COVER

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HOURS (LST)

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PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

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USAFETAC

TOTALS

FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE.

DATA PROCESSING BRANCH ETAC/USAF AIP WEATHER SERVICE/MAC

SKY COVER

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER	,			V-AN	16*AL
	(151)	0	1	2	3	4	5	6	7	8	۶	10	TENTHS OF	OPT
JUL	00-02			i   	28.6					<u> </u>	28.6	42.9	7.7	-
	03-05	14.3			42.9						28.6	14.3	5.3	-
	p6-08	2.4			45.3					i	38.8	12.6	6.1	851
	04-11	•5			41.9	-		!			48.5	9.1	6.5	927
	12-14	• 5	1.5		37.3	1.1	1.6	1-3		1.6	44.9	10.2	5.5	925
	15-17	• 2			45.6						43.3	11.0	6.4	922
	18-20	1.6			47.1						40.9	10.4	6.1	826
	21-23	5.1			45.9						38.2	10.8	5.9	45
	ļ				<u> </u>					ļ	<u> </u>	<u> </u>		
					<del>                                     </del>						ļ. <u>.</u>	ļ		
								<del></del> -						
	<u> </u>							-			<u> </u>			
10	TALS	3.1	• 2		42.0	•1	•2	• 2		•2	39.0	15.2	6.3	4918

USAFETAC FORM 10: 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH CTAC/USAF AIR WEATHER SERVICE/MAC

**SKY COVER** 

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STAT ON NAME

PEPCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PEPCENTAGE	FPEQUENC	Y OF TENTH	S OF TOTAL	SKY COVE	•			VEAN	*0*4:
MON1H	(LST)	0	1	2	3	4	5	6	7	8	,	10	244 CO466	26: 
AUG	50-02				; 					-	1		! 	
	r05				20.0	1				<u> </u>	70.0	10.0	7.9	10
	06-08	4.3	· · · · · · · · · · · · · · · · · · ·		41.1	Į					41.5	13.1	6.3	879
	09-11	1.1			38.5	ļ					44.9	15.5	6.7	931
	32-14	• 3	1.7		38.9	1.7	1.1	.4		1.0	41.2	13.7	6.5	931
	15-17	•1			45.4					<u> </u>	40.5	14.0	6.4	92
	18-20	1.4			44.9				<u> </u>	<u> </u>	38.2	15.4	6.3	851
	223	4.9			46.2					<u> </u>	35.6	12.3	5.9	48
				 	-					<u> </u>	<u> </u>	<u> </u>		
					-					-				
• —														
10	TALS	1.7	•2		39.3	•2	•2	•1		.1	44.7	13.4	6.6	561

FORM U.9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE. USAFETAC

DATA PROCESSING BRANCH ETAC/USAF AIR MEATHER SERVICE/MAC

SKY COVER

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PERCENTAGE FREQUENCY OF OCCURPENCE (FPOM HOURLY OBSERVATIONS)

MONTH	HOURS	i			PEPCENTAGE	PROVENC	4 Ot 15N-H	S OF TOTAL	SKY COVER				VEAN TENTES OF	.c.v'
MONIH	n.s.t	0	1	2	3	4	5	5	7		9	10	Sec Ovis	08%
SEP	00-02	16.7		i	66.7					i	16.7	;	3.5	6
	03-05				100.0						•	:	3.0	2
	80-90	8.2			49.0						35.7	7.1	5.4	841
	C9-11	1.4			46.2						42.7	9.7	6.2	899
	12-14	.4	• 6		36.5	1.2	2.1	1.0		1.4	45.1	11.6	5.6	898
_	15-17	•4			41.7						46.5	11.3	6.6	899
	18-20	3.4			52.6						34.3	9.7	5.6	82
	21-23	6+5			53.5						29.5	10.5	5.3	465
TC	) TALS	4.6	•1		55.8	•2	• 3	•1		•2	31.3	7.5	5.3	4833

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CATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

**SKY COVER** 

22508 *HEELER AF8 HI 67-70,73-78

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#### PERCENTAGE FREQUENCY OF OCCURPENCE FROM HOURLY OSSERVATIONS.

MONTH	-OUPS	<u> </u>			PEPCEN"+GE	FPEQUENC	Y OF TENTH	5 OF TOTAL	SKY COVER				vean Tenthe of	1014. 10 04
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ост	po-sz			<del></del>	:	<del> </del>				·		•	<u>.                                  </u>	
	C3-05	33.3			33.3	···				<u> </u>	33.3		4.0	
	05-08	7.9			43.9					·	30.9	12.4	5.5	865
	D9-11	2 • 2	!		45.3	:					37.4	15•1	5.2	927
	2-14	•2	1.2		34.2	1.7	1.4	1.5		1.4	40.3	18.1	6.8	930
	15-17	•6			38.9			_	_		42.2	18.2	5.8	928
	18-20	3.9			45.4						33.8	17.0	6.1	ê 3 1
	21-23	11.8			50.8						24.4	13.1	5.0	459
										<u> </u> -				
											<u> </u>			
10	OTALS	8.5	•2		42.4	•2	•2	•2		•2	34.6	13.4	5.8	494

FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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DATA PROCESSING BRANCH ETAC/USAF AIR MEATHER SERVICE/MAC

**SKY COVER** 

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PERCENTAGE FREQUENCY OF OCCUPPENCE IFROM HOURLY OBSERVATIONS

MONTH	HOURS	Ī			PEPCENTAGE	FREQUENC	OF TENTH	S OF TOTAL	SYY COVER				v£z•. - '£∿'-5 ⊃F	*0*A.
MON.4	LST	0	:	2	3	4	5	6	7	8	3	16	264 CO48	243
NOV	pc-02	:			50.0						25.0	25.0	6.3	4
	D3-05	15.7		i	, 5C+0						33.3	:	4.5	6
	b6-08	9.9		i	41.2				,		30.0	18.9	5.8	630
	p9-11	2.5			39.8	:				:	36.1	19.7	5.5	â85
	12-14	•?	.7		34.5	1.4	1.0	• 7		.9	37.6	22.6	6.9	BF
	15-17	.8			37.0			,	,	; i	39.6	22.6	5.9	 8
	h 8-20	6.1			40.1						32.3	21.5	6.3	781
	21-23	9.5			45.8						26.0	18.7	5.6	443
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TC	DTALS	5.8	•1		42.3	•2	•1	•1		•1	32.7	18.6	5.1	4714

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SKY COVER

22508 STATION *HEELEP . . B HI

STATION NAM

67-70,73-78

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

нтиом	HOURS				PERCENTAG	FREQUENC	OF TENTH	S OF TOTAL	SKY COVE	?			MEAN	TO*AL
	(LST)	0	1	2	3	4	5	6	7	8	•	10	SKY COVER	NO OF OBS
DEC	CG-32	16.7			5.6						66.7	11.1	7.3	18
	03-05	20.0			10.0						40.0	30.0	6.9	20
<del></del>	06-08	11.2			38.5						33.3	16.9	5 • 8	829
	09-11	5.1			40.2						34.6	20.2	6.3	888
	12-14	2.0	. 3		36.7	1.8	8.	• 5		1.5	34.6	20.8	6.6	869
	15-17	3.0			35.0						41.2	19+7	6 • 8	856
	18-20	5.9			42.2						33.9	18.0	6.1	740
	21-23	11.1			40.7						?2.2	16.0	5.7	388
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	<u> </u>													
		·												
10	TALS	7.4	•2	·	31.2	.2	.1	.1		•2	39.8	19.1	5.4	4607

USAFETAC FORM 11UL C4 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLUTE.

CATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

**SKY COVER** 

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

момтн	HOURS				FERCENTAG	FRFQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
MOIVIN	(L \$ T )	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO OF OBS
JAN	ALL	9.7	• 2		38.8	•3	• 2	• 1		• 2	31.6	18.8	5.9	4860
FE8		11.5	• 3		39.7	• 2	• 1	• 2		• 3	30.5	17.2	5.7	4549
MAR		2.7			29.5	•2	•2	• 2		• 2	43.8	23.2	- • 2	5028
APP		1.5	• 1		37.4	•2	• 2	•1		.1	40.1	20.3	6.8	4814
MAY		1.9		I	33.0	•2	• 2	•2		•2	37.8	26.5	7.1	4953
AUL		2,9	• 1		34.3	•2	• 3	•2	-	.4	47.1	14.6	6.8	4799
JUL		3.1	• 2		42.0	•1	•2	• 2		2	39.0	15.2	6.3	4918
AUG		1.7	• 2		39.3	.2	•2	• 1		.1	44.7	13.4	6.6	501
SEP		4.6	• 1		55.8	•2	• 3	•1		• 2	31.3	7.5	5.3	4833
oct		8.6	• 2		42.4	• 2	•2	• 2		•2	34.6	13.4	5 • 8	4943
NOV		5.8	• 1		42.3	•2	•1	•1		.1	32.7	18.6	6.1	4714
DEC		9.4	• 2		31.2	•2	•1	•1		•2	39.6	19.1	6.4	460
101	ALS	5.3	•1		38.8	•2	• 2	• 7		•2	37.7	17.3	6.3	58033

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS		·		PERCENTAG	E FREQUENC	CY OF TENTI	HS OF TOTAL	SKY COVER				MEAN	TOTAL
	(L S T )	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO OF
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#### PART E

#### **PSYCHROMETRIC SUMMARIES**

In this section are presented various summaries of dry- and wet-bulb temperatures, dev points, and relative humidity. The order and manner of presentations follows:

- Ommulative percentage frequency of occurrence derived from daily observations and presented by month
  and annual for all years combined. These tabulations provide the cumulative percentage frequency to
  tenths of temperature by 5-degree Fahrenheit ingrements, plus mean temperature, standard deviations, and
  total number of observations in three separate tables as follows:
  - a. Daily maximum temperatures
  - b. Daily minimum temperatures
  - e. Daily mean temperatures

NOTE: Beginning in Jamery 1964, daily maximum and minimum temperatures are routizely selected from bourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as Jamery 1949 and later. Flease refer to notations on summary pages and Station Ristory for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record while. An annual (ALL MONTES) value is selected when all months for a year have valid extremes. Heads and strained deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
  - a. Extreme maximum temperature product on the exclusion of certain values. The conversion method used
  - b. Extreme minimum temperature at OL A to present these data may result in differences not exceeding ± 1' from directly converted values but excludes no Fahrenheit values.

HOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) f indicates the extrems was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.
  This tabulation is derived from bourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
  - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.
    - MOSS: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.
  - b. Statistical data for the individual elements of relative humidity, dry-bulb, vet-bulb, and dev-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares  $(\Sigma X^2)$ , sums of values  $(\Sigma X)$ , means (X), and standard deviations  $(\sigma X)$ . The number of observations used in the computation for each element is also shown.
  - a. At the lower right of the form are given the mean number of hours of occurrence for six ranges of 'dry-bulb, wet-bulb, and dev-point temperatures, and total number of hours possible in the period represented. Hean number of hours is shown to testhe and indicates mean number of hours per year in the samual summary, or mean number of hours per month in the tabulation by month.
    - NOTS: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dev-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- b). Moses and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month, and samual and again at the bottom for all hours sombined. Records for all years embined are presented in the following three tables; DMY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEM-FOIRT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative hunidity This summary is derived from hourly operations and presents the cumulative percentage frequency of occurrence of relative hunidity by increments of 10% classes, plus the mean relative hunidity and total number of observations in two tables.
  - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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**DAILY TEMPERATURES** 

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71-79

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

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≥		-	•	•	•	1.1	7.4	15.1	31.9	29.2	19.0			5.5
≥		5.7	20.0	11.4	26.5	· £1.3	76.2	95.5	95.2	98.3	\$5.5	43.2	18.9	\$ . <u>5</u> 5 2 . <u>6</u>
	7.	•	72.4	90.5	. == -	67.5	100.5	99.6	100.0	70.0	•	92.4	$\frac{13}{72}$ .	39.2
2	_	71.1			85.1		100.0		13360	_r	93.5	72.4		
≥	7	92.5	94.1	98.2	99.9	100.0		120.0	_		[165.5	105. <u>5</u>	93.3	98.5
≥	^-	178.5	190.0	99.5	100.D			_			_		100.0	100.0
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L	MEAN	75.6	76.3	75.5	77.7		91.1	52.5	83.4	83.5	82.1	78.5	75.6	79.5
	\$ D	3.250			2.906		2.377	2.249	2.503	1.956	2.313	2.923	3.190	3.960
	TOTAL OBS	50°	254	279	269	279	259	278	348	245	248	236	233	3102

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM AFE CASCILETE

DAILY TEMPERATURES

STATION STATION NAM

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CJMULATIVE PENCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

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TEMP 'OF,	JAN	FEB	MAR	APR	MAY	JUN	JUL	UG	SEP	oct	NOV	DEC	ANNUA
							1.1	1.5					•
7	· • ]	• 3	. 7	2.5	5.0	24.2	41.0	46.4	37.1	25.4	9.3	3.9	ີ 1€.
4,5	71.2	35.3	47.7	63.9	77.8	92.6	37.5	99.6	7.	91.9	75.8	44.0	70.
-	77.7	31.7	90.3	97.8	100.5		100.0	130.0	100.0	105.5	97.0	89.7	94.
5.≛	- a a a	98.8		120.0		,					160.5	29.1	99.
( <del>-</del>	100.0		130.0	.230.0					•	• -		103.0	ież.
~	_ 3 4 0	130.0	230+3				•	-			-	102.0	
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S. D	3.856	3.259	2.978			2.19	2.368	2.733		2.365		3.545	3.65
TOTAL OBS	269	254	279	265	719		278		240	238			310

**DAILY TEMPERATURES** 

STATION

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COPVIC VMAC -LELES AFB MI STATION NAME

71-79

CU:AULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

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**EXTREME VALUES** 

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FROM DAILY OBSERVATIONS

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STATION NAME

71-79

YEARS

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USAF ETAC FORM 0-88-5 (GLI)

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USAF ETAC FORM 0-88-5 (OU;

**EXTREME VALUES** 

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FROM DAILY OF LAVATIONS

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- HELLER APP HI STATION NAME 71-79

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F (AT LEAST ONE DAY LESS (HAU 24 DBS)

Ý SLUFAL CLIMATOLOGY BRANCH CLAFETAC **PSYCHROMETRIC SUMMARY** AL- KEATHER SE-VICE/MAC AMEELER AFO HI 73,75 JAK PAGE 1 0300-0500 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point 3 5 (F) 72/ 64 3.8 3.8 5:1 67 £6/ 6: 11.5 3.8 54/ 63 19.2 15.4 52/ 61 5../ 59 19.2 3.8 4 = 1 57 11.5 56/ 55 -4/ 53 TOTAL 76.915.4 7.7 25 4 1 0.26.5 (OL A) Element (X) 205610 58.8 5.406 26 Rel. Hum. 4 0 F 3 32 F 267 F | 273 F | 280 F | 293 F Dry Bulb 101260 1620 52.3 3.586 26 19.7 94937 1569 60-3 3-137 26 Wet Eluib 90780 1534 59.0 3.311 Dew Point

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ULLYAL CLIPATOLOUY BRANCH .: 272727 **PSYCHROMETRIC SUMMARY** ATT REATHER SERVICE/MAC C2 505 AFEELER AFE HI 58-70,73-79 Э PAGE I WET BULB TEMPERATURE DEPRESSION (F)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 121 22 23 24 25 26 27 28 29 30 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point

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1 2 6 3 5 1 3 4 1 (F) Ô 7-1 67 .9 6.2 6.3 2.3 .5 1.311.6 3.7 1.8 .2 .913.0 3.4 1.1 .5 .213.1 1.9 .7 +5/ 67 -1/ 51 136 159 44/ 63 163 2/ 51 . 7 110 .510.3 .6 .5 4.1 1.1 <u>5</u>./ 59 • 7 • 1 110 55/ 57 49 56/ 55 54/ 53 .1 1.1 .4 .1 3 -2/ 5<u>1</u> 50/ 49 75/ 47 40/ 45 TOTAL 4.362.122.5 5.9 1.6 .1 HVISTO MINOUS TOHONS OF

88.1 7.951

64.1 4.007

61.8 3.817

60.5 4.223

No. Obs.

255

855

855

855

10F

NI 64 0.26-5 (01. A)

Element (X)

6689727

3524246

3280363

3141420

75323

54786

52859

51700

Rel. Hum.

Dry Buls

Dew Point

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93 E

AA L HIPCM

119

167

173

142

102

43

16

71

126

149

141

77

23

16 9

855

135

159

160

115

113

3

855 855

Mean Ho. of Hours with Temperature

1.1

26.9

7.4

267 F | 273 F | 280 F | 293 F

SCHEAL CLIMATOLOGY BRANCH COAFETAC **PSYCHROMETRIC SUMMARY** AIR AFATHER SERVICE/MAC STATION AMERICA AFE HI 22336 65-70,73-79 STATION NAME 3936-1100 HOURS (... S. T. PAGE 1 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12'13-14:15-16:17-18:19-20:21-22:23-24:25-26:27-28:29-30: 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point -./ 75 2 7-/ 77 34 72/ 75 .6 1.2 5.2 3.4 1.2 119 119 1 74/ 75 .3 2.1 7.5 5.4 3.4 1.5 5.3 6.3 7.3 1.4 174 174 8 200 200 21 73/ 65 .2 3.8 5.7 5.1 3.1 172 172 59 .5 3.3 5.3 2.0 1.5 128 128 219 .3 1.4 1.5 1.7 .7 .2 .3 .7 .6 .3 .1 .2 .3 66/ 65 52 52 253 :4/ 53 19 19 159 182 :2/ 51 63 162 51/ 59 35 122 58/ 57 20 õ4 5:7 55 40 10 54/ 53 57/ 51 51/ 49 íú 73731 1.311.821.925.524.311.3 3.4 935 906 935 õ 10em Element (X) No. Obs. Mean No. of Hours with Temperature 73.911.406 5071306 56992 906 ≥67 F | ≥73 F | ≥80 F Rel. Hum. - 93 F : 0 F Dry Belb 4593197 64439 71.1 3.323 906 55.1 33.8 59295 906 3889196 65.5 2.496 34 . 7 Wet Bulb Dew Point 3517344 55326 62.2 4.146 906 13.4 

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STITE CLIMATOLOGY BRANCH LIFETAC A19 REATHIR SERVICEZMAC

### **PSYCHROMETRIC SUMMARY**

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Ret. Hum.	4119000	50084 66 67346 74 60295 66	.312.184	906	10F	2 32 F	67 F .	73 F	80 F	' → 93 F	· T	

PSYCHROMETRIC SUMMARY

CL. RAL CLIMATOLOGY BRANCH C'AFETAC ATH WEATHE' SERVICE/MAC

22533 STATION	STATIL FAME	68-70,73-79		JA N MONTH
			PAGE 1	1500-1700

T			WET BILL B	TEMPERA	TURE	DEPRESSION	(F)				TOTAL		TOTAL	
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Element (X)	žχż	Σχ	X	<b>"</b> x	$\Box$	No. Obs.			Mean No	of Hours	with Temperat	ure .		
Rel. itum.	44562			311.6		902	±0F	± 32 F	≥ 67 F			≥ 93 F	T	otal
Dry Bulb	47948			8 3.3		902			89.	1 54	• 7	4		93
Wet Bulb	39284			9 2.7		902	i	Ĭ	41.	0 1	• 0			93
Dew Point	34749		868 61.	9 4.5	28	902		T	12.	1	•1	7	<del></del> -	93

CLCYAL CLIMATOLOGY BRANCH CMAFETAC AIR WEATHER SERVICE/MAC

MUSELER AFE HI STATION NAME

### **PSYCHROMETRIC SUMMARY**

Temp			*	ET BULB	TEMPERA	TURE DEF	RESSION	(F)				TOTAL		TOTAL	
(F)	0 1 · 2 3 · 4	5 - 6	7 - 8 , 9 -	10 11 - 12	13 - 14 15	. 16 17 .	18 19 - 20	21 - 22 2	3 - 24 25 - 2	6 27 - 28 2	9 - 30   2 31	D.B./W.B.	Dry Bulb	Yer Bulb D	ew Point
76: 75	•			•1 •1								5	5		··
74/ 73					1	1	}	1	1		1	60		1	
77 71	2.5 5.4	6.5	4.3	•5	•			<del> </del>	i			156		10	
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el. Hum.	518284	7	64463	19.4	8.97	1	812	± 0 F	= 32 F	≥ 67 F	₹ 73 F	₽ 60	ure 73 f	To	piol
Izment (X) el. Hum. ry Bulb		7		19.4 68:1		5		sof	= 32 F		273 F	₽ 60		T	9 3 9 3

68-70,73-79

CLIBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR MEATHER SERVICE/MAC AHEELER AFB HI JAN 68-73,73-79 STATICH NAME 2100-2300 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dr., Bulb Wet Bulb Dew Point 74/ 73 • 4 1 • 1 72/ 71 .2 3.1, 1.5 .4 2.9 7.3 3.7 757 69 68 17 16 68 54/ 67 6.211.4 3.1 94 11 (6/ 55) 90 1.113.211.6 3.7 137 137 55 . 7i 64/ 63 .2 9.7 4.0 .9 91 70 70, 124 93 .2 4.2 2.6 1.1 c2/ 61 • 4 39 39 108 .:/ 59 50/ 57 45 36 1.5 13 •2 21 43 50/ 55 13 16 ·~/ 53 16 52/ 51 6 50/ 49 4-7 47 TOTAL 2.241.140.014.5 2.2 455 455 455 Š £ TO SPONTON EVISED PRIVIDUS ₹ 0.26.5 (01 20 5 8 8 No. Obs. Mean No. of Hours with Temperature 84.8 7.708 267 F | 273 F | 280 F | 293 F 3299407 38537 455 ± 32 F Rel. Hum. ≤ G F 1992281 30077 66.1 3.002 Dry Bulb 455 39.4 93 28727 1818413 63.1 3.217 955 12.3 93 Wet Bulb

Dew Point

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CLUBAL CLIMATOLOGY BRANCH L'AFETAC AIM BEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

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																		PAG	5 1	HOURS (L	LL
	Temp.					WET	BULB T	EMPERA	TURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
_	(F)	0 1.	2 3 - 4	5 - 6	7 - 8	9 - 10 1	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	2 ≥ 31	D.H./W.B.	Dry Bulb	Wet Bulb	Dew
	- 27 81				1	• 0	• 1	• 7							1			7	7	F	
1	-2/ 79			• 0		. 7	• 6	3	. 1			1						91	91		
- 1	72/ 77		.0 .2	- 1		2.3	1.6	• 4			4	1	1 F					307	397		
	76/ 75		.2 .4		3.7		1.4	<u> </u>		<u> </u>	<u>.</u>				<u> </u>			539	539.		
- 1	74/ 73		3 1.7				• 3	• 1		1	1		,		1 [		! ;	655	655	32	
-	721 71	.1 1				. 9	<u>• 1</u>			<u> </u>		· -	<del></del>					698	698	9.8	
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	53/ 57		.8 .2							i .	·			,	Γ .		,	5.5	5 5	192	:
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_ ]_1	Element (X)	Σχ'	200		<u>x</u>		X	<b>7</b> _X		No. Ol					<del></del>			Temperat	<del></del>		
- 1-	Rel. Hum.		224115		3702			13.5			62	= 0	F	2 32 F	z 67		≥ 73 F	≥ 80 F	≥ 93 F	1	otol
- ⊢	Dry Bulb		660477		3397			4.9			63				556		244.6	4.	9		
-	Wet Bulb		+06316		3145			3.5			62				241		5.0				
	Dew Point	18	574861		2998	57) (	51.7	4.0	97	4.8	62		- 1		26	- 2	• 8	1		1	7

SESTAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** SAFETAC AL- REATHER SERVICE/MAC PHECLEP AFB HI 22235 STATION PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 23 D.B./W.B. Dry Bulb Wet Bulb Dew Point 23-3 24/ 65 <u>-2/ 61</u> 63/ 59 33.3 5º / 57 50/ 5º 33.3 TOTAL ĺ 0.26 5 (OLA) Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 557 31733 267 F 273 F 280 F 92.8 2.229 ≤ 32 F 22005 21160 60.5 2.950 59.3 2.733 Dry Bulb 363 6 84 Wer Bulb 84 Dew Point 84

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B SEUBAL CLIMATOLOUY SPANCH CAFETAC PSYCHROMETRIC SUMMARY AI' *EATHER SERVICE/MAC AMEELEP AFB HI 58-70,73-79 0 0550-0650 HOURS (L. 5. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 - 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 22 29 - 30 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 77/ 71 .3 .6 .3 .1 10 10 13/ 6% . 5 1 . 5 2 . 4 1 . 4 45 45 <u>20</u> â 32 1. 1 6. 9 5. 7 3. 4 5-/ 67 138 138 :6/ 65 .910.1 5.2 2.3 102 61 4/ 63 1.310.0 5.1 1.5 1.1 153 156 156 196 1.012.4 2.5 • 9 139 137 137 186 22/ 59 2.3 5.7 1.1 156 .6 3.0 54/ 57 106 ŧ 56/ 55 .1 2.8 23 23 52 71 54/ 53 43 -2/ 31 15 5./ 49 11 4=/ 41 TOTAL 7.255.424.410.0 2.8 793 790 ( ā ુ No. Obs. Mean No of Hours with Temperature Element (X) 6391675 69029 87.4 8.722 790 10F ≤ 32 F 2 F7 F | 273 F | 280 F | 293 F 3217847 50343 790 23.5 63.7 3.511 84 Dry Bulb 61.3 3.337 2981283 48459 790 3.9 248 Wat Bulb 2841785 47283 59.9 3.859 790 Dew Point 84

and the mind that a look the bear the sail go of this and you will be given a first and the sail of the sail of the sail

DECHAL CLIMATOLOGY BRANCH LIAFETAC ALP AEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

STATON	*HEEFE	S"AT-C	4 NAME				<u>68-72,</u>	13-17	Y	EARS	<del></del>			- F
												FASE	1	HOURS IL
Temp			WET	BULB	TEMPER	ATURE D	EPRESSION	(F)				TOTAL		TOTAL
(F)	0 1 . 2 3	-4 5-6 7-				15 - 16   1	7 - 18/19 - 2	21 - 22   23	3 - 24 - 25 - 26	27 - 28 29 -	30  231		ry Bulb	Wet Bulb!
~_/ 79		.1	• "					,		•		13	1 3	
7-/ 77		•1 •7 1 •6 2•5 3										. 59	59	
74/ 73	9 1	•6 2•5 3 1•4 5•4 4	•7 5•5		_							118 143.	118	•
$\frac{7}{74}$				7 1.2								174	174	
72/ 69	.1 2.8 6		.3 1.2									162	162	
58/ 67			.9 .8									94	94	
:6/ 65	.1 2.2 1	1.7 1.1	. 8 . 2	?								52	5.2	
:4/ 63	.1 .8		. 5									25	25	165
52/ 61	•2 •2	•1 •1										5_	6	
£0/ 59														41
56/ 57	· · · · · · · · · · · · · · · · · · ·							<del></del>						17
56/ 55														3
54/ 53 52/ 51										<del></del>			-	
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TOTAL	1.2 9.018	C • J Z I • J Z L		J J • 1	103								846	r
TOTAL	1.2 9.018	C.J27.521		3 3 6 7	1.3						<del></del>	846	846	846
TOTAL	1.2 9.016				1.3							846	846	
TOTAL	1.2 9.018	5.327.521		3 3 6 7	1.3		<del></del>					846	846	
TATOL	1.2 9.018	5.327.321		3 3 6 7	1.3			-				846	846	
TOTAL	1.2 9.018	5.J27.321		3.1				<del></del>				846	846	
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TOTAL	1.2 9.018	5.J27.321		3 6 7	1.3							246	846	
TOTAL	1.2 9.018	5.J27.321										246	846	
TOTAL	1.2 9.018	5.J27.321										846	846	
TOTAL	1.2 9.018	- J27-321										846	846	
TOTAL	1.2 9.018	. J27.321										246	846	
Element (X)	2,2	Z _X		· · · · · · · · · · · · · · · · · · ·			No. Obs.					h Temperatur		846
Element (X) Rel. Hum.	Z ₁ , 44842	Z _X 974 6	C 794	X 71.9		31	845	= 0 F	± 32 F	≥ 67 F	≥ 73 F	h Temperatur	293 1	846
Elemens (X)	2,2	2 x 974 6 279 6		X 71.9		31 60		=0 F	= 32 F		≥ 73 F 33 • 1	h Temperatur > 80 F	293 1	846

CLCHAL CETRATOLOCY SRANCH SAFETAC PSYCHROMETRIC SUMMARY AL AEATHEN SERVICE/MAC 225 TF #MEELER AFB MI STATION NAME 68-70,73-79 ð 1203-1460 HOURS IL S. T. WET BULB TENFERATURE DEPRESSION (F) TOTAL TOTAL (F) C 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 31 D.8./W.B. | Dry Bulb | Wer Bulb | Dew Points € .1 .4 1.5 2.3 3.5 2.2 7-/ 77 18/ 75 .1 1.5 5.2 5.9 8.6 1.5 .5 2.1 5.6 7.1 2.7 1.3 198 198 171 .1 .9 2.6 4.5 5.2 2.2 1.2 1.8 2.4 2.4 9 1.3 1 74/ 73 131 131 12/ 71 94 37 12 34 2.2 1.5 1.4 1.3 1.3 .7 .9 .2 .5 .5 77/ 59 71 71 143 33, 3 5-1 67 29. 233 70 •1 1.4 •5 •2 •7 21 21 220 =4/ 63 122 627 61 48. 1 / 59 21 116 58/ **5**7 99 5=/ 55 52 54/ 53 52/ 51 32 50/ 49 4./ 45 .7 6.4 6.411.021.424.120.3 7.5 1.7 1 345 845 (OL A) No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. 3621109 54229 64.212.920 845 10 F | 132 F | 267 F | 273 F | 280 F | 293 F 74.5 3.876 56.4 2.981 61.5 4.453 Dry Bulb 4740490 \$3206 845 50.9 62.6 84 3728292 56072 84 845 42.2 1.5

845

11.5

3209850

Dew Point

51944

ULTRAL CLIMITOLOUY RRANCH PSYCHROMETRIC SUMMARY UNAFETAG 110 WEATHER SERVICE/MAC 22807 MEELED AFB HI STATION NAME 63-73,73-19 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 0 1-2 3-4 5 6 7-8 9-10 11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-231 D.B./W.B. Dry Bulb Wer Bulb Dew Point (F) -_/ 81 •1 •1 •5 •2 . 4 1 . 3 1 . 5 1 . 3 . 4 1.1 79 46 7:/ 77 .6 3.4 3.1 3.4 .7 100 100 76/ 75 .4 1.5 7.2 7.5 2.2 167 167 2.4 5.7 6.2 8.3 .3 74/ 73 196 196 72/ 71 . \$ 2.7 4.7 5.6 2.6 1.3 151 151 .1 1.4 1.9 3.3 2.5 .7 75/ 55 58 óЗ 101. 16 58/ 67 •4 2·1 •9 •8 1·2 •6 55/ 65 1·1 1·2 •2 •5 •2 :27 53 <u> 60</u> 1.1 1.2 15/ 65 27 27 232 54/ 63 .2 .2 .4 24/ 51 59 167 63/ 59 54/ 57 13 135 5:7 55 37 THIS FORM ALL OLSCILLE 54/ 53 32 -2/ 51 53/ 49 TOTAL .8 5.810.317.827.124.5 9.7 3.2 645 845 HVISTO MEYICOUS EDITIONS OF (OL A) 0.26.5 C J. 52 .°C ZX' No. Obs. Element (X) Kean No. of Hours with Temperature Rel. Kum. 3941738 56832 845 50F 267 F | 273 F | 280 F | 293 F 67.311.894 Dry Bulb 4545377 61901 845 51.4 73.3 3.574 80.4 84 Wet Bulb 65.8 2.884 3665436 556QQ 845 35.8 84 3 3204132 51914 61.4 4.174 8.9 84

SECHAL CLIMATGLOSY BRANCH LIAFETAC PSYCHROMETRIC SUMMARY AIR MEATHER SERVICE/MAC 275 5 STATION NAME
STATION FEE 66-73.73-79 ×, 1800-2000 WET BULB TEMPERATURE DEPRESSION (F) TOTAL . TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 + 31 D.B./W.B. Dry Bulb Wer Bulb Dow Point 7 / 77 70/ 75 74/ 73 .1 1.5 3.9 2.3 1.7 72 72 72/ 71 .8 3.7 3.6 4.1 .6 140 140 7.164 .5 3.011.0 8.9 4.1 .5 31 215 215 īC .6/ 67 1.3 3.7 8.1 7.3 3.J .5 127 153 163 52 6/ 65 .1 1.8 4.1 4.5 1.3 92 92 217 91 64/ 63 .5 1.2 2.1 1.2 .9 46 45 189 157 52/ 61 .9 .4 • 5 15 15 112 153 £0/ 59 147 50 58/ 57 22 81 5c/ 55 40 20 52/ 51 52/ 44 20 42/ 47 TATEL 2.311.93C.934.316.2 3.5 .4 776 775 775 Ę ₹ 9 0.56.5 No. Obs. Mean No. of Hours with Temperature Element (X) 77<u>6</u> 77.1 9.536 267 F | 273 F | 280 F | 293 F | Rel Hum. 4689359 59859 ±0 F ± 32 F 34 Dry Bulb 3678741 53381 65.8 2.933 776 67.0 8 . 8 3190113 49703 64.1 2.923 776 17.3 Yet Bulb 2919595 47503 61.2 3.884 776 6.7

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STATION NAME 58-73,73-79 PASE : MOUAS (L. 5, 7. WET BULB TEMPERATURE DEPRESSION (F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14:15-16:17-18 19-20:21-22:23-24 25-26 27-28:29-30. 231 D.B./W.B. Dry Bulb Wer Bulb Dew Point (F; --/ E_ -2/ fl F_/ 7~ .3 .1 .2 .4 .9 1.0 153 153 .5 1.9 2.0 2.6 7-/ 77 358 359 .3 1.2 3.1 3.0 1.3 454 74/ 73 1.1 3.4 3.3 3.2 543 543 .9 2.5 4.3 3.2 1.1 .7 579 579 261 --/ 67 2.3 4.7 4.3 2.3 .7 .2 639 539 367 .6 3.1 4.4 3.3 1.4 596 596 845 287; 493 493 1109 .4 4.1 3.7 1.9 .7 14/ 53 .5 2.9 2.1 1.3 328 .3 2.7 .g .4 527 61 52/ 59 52/ 57 5c/ 55 .4 1.4 .3 97 97 374 912· .1 .7 .3 Su 177 537 4 40. 24 77 24 29 i Ea/ 53 163 52/ 51 <del>27</del> 50/ 49 45/ 47 2,-13.320.?19.916.612.6 6.8 2.3 .5 4543 4548 4548 4548 €. ₹ C a 0.26.5 Meen No. of Hours with Temperature 337869 25949575 267 F 273 F 280 F 273 F Rel. Hum. 74.313.570 4548 Dry Buls 22448311 315633 70.1 5.241 4548 498.8 230.8 15.2 672 672 195.2 13524259 292937 64.4 3.513 4548 1. 4 17344198 277762

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7 5 7 1 1 = 6/ 55 - 7/ 53 30.025.0 ě 52/ 61 1/ 59 1/ 1/ 1 ā \$ £ 1 \$ USAFETAC 35.810.689 257 F | +73 F | +80 F Rel. Hum. 29755 66.5 2.386 63.4 1.138 62.0 2.445 17736 256 Dry Bull Wet Burb 15138 254 15394 Daw Peint

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CLIBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

22878 AFELER AFE HI STATION NAME

68-70,73-79

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GLORAL CLIPATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** CATETAC AIR WEATHER SERVICE/MAC 22508 AHEELER AFB HI STATION NAME 68-70,73-79 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bult Dew Point 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 (F) 4/ 23 \$2/ 79 .3 3.2 2.7 3.3 1.3 101 191 7-1 77 .8 3.9 7.111.1 2.5 239 239 76/ 75 74/ 73 .8 1.0 6.510.9 5.5 1.3 249 240 1.4 3.4 4.6 5.5 .6 .2 147 147 .4 2.3 3.2 3.1 .5 72/ 71 25 • 1 91 91 1.3 2.3 1.5 1.4 .6 .4 .6 .4 .3 18 65/ 67 •4 •6 313 54 13 56/ 65 . 4 292 87 54/ 53 • 3 134 165 42/ 61 192 60/ 59 198 5 / 57 56/ 55 48 54/ 53 52/ 51 5 € 50/ 49 .5 2.6 7.510.719.928.220.6 8.9 2.0 929 929 929 ã 9 **O** No. Obs. Mean No. of Hours with Temperature E'ement (X) Rel. Hum. 267 F | 273 F | 280 F | 293 F 3775601 58253 62.711.505 929 ± 0 F | ± 32 F 75.2 3.281 66.4 2.280 Dry Bulb 5258590 69828 929 91.7 93 4097749 Wet Bulb 61663

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BLOPAL CLIMATOLOGY BRANCH USAFETAC ALM WEATHER SERVICE/MAC

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SUCHAL CLIMATOLOGY BRANCH L'AFETAC AIR MEATHER SERVICE/MAC

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52/ 49 CTAL		21.22	,	17.71		7.9	2 • 4	. 5	No. Obs				Mean	No. of	dours with	5029.			50
CIAL  Clement (X)											=0F	± 32 F			Hours wit			5029	
	Z _X ,	3547				X 72.4		17	No. Obs	29	20F	= 32 F	≥ 6	F	≥ 73 F	h Temperco	- 93	5029	50
SO/ 49 CIAL CIAL	z _x , 2719:	3547 4888		; ; x 36405	7	X	7a 12.9 4.6	17 68	No. 3bs	29	= 0 F	= 32 F	≥ 6	. 6		h Temperce * 80 F	- 93	5029	

LLURAL CLIMATOLOGY BRANCH CATETAC **PSYCHROMETRIC SUMMARY** AIR ALATHER SERVICE/MAC 8 0000-020 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 8 3 - 3 (F) ί-/ 57 66/ 65 64/ 63 52/ 61 15.7 •3 £ £ 1980 C 0 20 O 0.26-5 (OLA) Element (X) Mean No. of Hours with Temperature 84.0 .000 267 F | 273 F | 260 F | 293 F 37208 404 67.3 Dry Bulb .816 ó 366 24836 64.3 .816 6 90

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ULU AL CLIMATOLOGY ERANCH TARKTAL AL ABATHER SERVICEZMAC

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STAT ON		S"A" JU HAVE						ΥI	ARS		PAGE	<b>1</b> ,	0380-1
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Element (X)	Z _X ,	ZX	X	P 70.5	No. Ob			1			ith Temperatu		<del>-1</del>
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Dry Bulb Wet Bulb	39087, 35859	593 568	67.9	1.364	<del>!</del>	9		+	43.	4	+	<del> </del>	<del></del>
Dew Point	34249	555	61.7			9		<del> </del>	<del> </del>	+	<del></del>	<del> </del>	
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CLIPAL CLIMATOLOGY BRANCH URAFETAC AIA *EATHER SERVICE/MAC

SECE	*HEELER AFB !	STATION NAME			<u> 68-7</u>	19,73-79		YEARS			<del></del> -	AP	
		•								PAGE	1 .	OSOD-	-080
Temp.					RE DEPRES					TOTAL		TOTAL	
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7/ 59	1.4				<del></del>			<del>i</del>	<del></del>	12	12	58	16
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	Z _X ,		X		He. Obs					th Temperatu			
lel. Hum.	5382461	69727	83.5	8.473	8	35 ±01	= 32 F	≥ 67 F	≥ 73 F	= 80 F			etal
lel. Hum. Dzy Bulb	5382461 3740374	69727 55834	83.5 66.9	8.473 2.280	8. 5.	55 ±00	F = 32 F	≥ 67 F 50 • 6	273 F	= 80 F			9
Element (X) Rel. Hum Dry Bulb Wer Bulb Dry Point	5382461	69727	83.5 66.9	8.473 2.880 2.337	8. 5.	35 ±01 35	F = 32 F	≥ 67 F	*73 F	= 80 F			97 97 97 97 97 97 97 97 97 97 97 97 97 9

CLUBAL CLIMATOLOLY EPANCH USAFETAC 4. - KEATHER SEPVICE/MAC

# **PSYCHROMETRIC SUMMARY**

ETATION	APEELER AFB	STATION NAME			68-12	73-79		ARS				A P	
										PASE	i	0900-	11C
Temp.		WE.	BULB T	EMPERATU	RE DEPRESSIO	N (F)				TOTAL :		TOTAL	
	0 1-2 3-4 5	6 7-8 9-10	11 - 12	13 - 14 -15 -	16 17 - 18 19 -	20 - 21 - 22   23	- 24, 25 - 26	27 - 28 29	- 30; <b>+</b> 31	D.B./W.B.,D	ry Bulb	Wer Bulb !D	ew Po
4/ 93				• 1		•				1;	1		
2/ 81			<u>3 . z</u>							6_	6	<u>-</u>	
5/ 79	•2	.1 .3 2.			. 1					51	51		
:/ 77	4	.7 2.5 4.								115	115		
6/ 75	•1 •7 1			• 2						199	199	2	
4/ 73 2/ 71		0.7 9.4 5. 0.6 4.5 1.			<del></del>					216	215	- 9.	
5/ 59		-	-							154	154	32	-
3/ 57 5/ 67	1.3 4.3 3	•6 •4	<u>.</u>							9 <u>3</u> 36	<u>93</u> 36	114 279	
i/ 65	·2 1·J ·2	.2 .3 .	2							36 20	28 28		1
4/ 53	•1	•= •= •				<del></del>			<del></del>	20	<u>20</u>	~	2
2/ 61		. :								1	1	17	2
2/ 59												5	1.
3/ 57												5	
c/ 55												2	
4/ 53												-	•
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1 44	.4 5.712.420	.527.323.	4 5.2	2.0						694	694 :	894	8
1/44	.4 5.712.420	.527.323.	4 5.2	2.0						694	694 :	894	8
1/44	.4 5.712.420	.527.323.	4 5.2	2.0						694	894 	894	81
1/44	.4 5.712.420	.527.323.	4 5.2	2.0						694	694	894	89
TAL								Meen No.	of Hours with			804	89
TAL	Σχ'	Zx	T X		No. Obs.	205		<del></del>	of Hours wiff	Temperatu			
ement (X)	z _x , 4305805	Z _X 61231	<u>x</u> 62.5		No. Obs.	205	= 32 F	≥ 67 F	≥73 F	Temperatur = 80 F			stal
2/51 2/45 TAL TAL tement (X) til. Hum. ty Bulb tt Bulb	Σχ'	Zx	X   68.5		No. Obs.	205	: : : : : : : : : : : : : : : : : : :	<del></del>	*73 F 59 • 2	Temperature 80 F			

ULITAL CLIMATOLOGY ERAFON UDAFITAC **PSYCHROMETRIC SUMMARY** AL AEATHER SERVICE/MAC ZZZZZ ATELEP AFB HI oĉ-72,73-79 1205-1460 Hours (L. S. T.) 5465 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24:25-26:27-28,29-30 +31 D.B./M.B. Dry Bulb Wet Bulb Dew Point .2 1.1 3.3 1.0 --/ = i --/ 7: 73 ·1 ·3 1·2 6·8 5·3 6·5 1·3 ·1 193 193 7-/ 77 .5 1.1 3.7 7.5 3.5 1.1 220 220 .7 2.2 5.6 5.7 2.4 178 175 2 74/ 73 .4 3.8 3.6 3.2 102 192 72/ 71 .2 2.1 1.7 1.5 57 57 69 .4 2.2 1.6 .5 .3 .1 42 22 184 • 1 •1 •2 3C1 51 :6/ 65 • 2 • ž 254 44/ 55 57 172 14/ 61 - 57 59 150 = 1 57 = 1 55 79 35 54/ 53 c 52/ 51 5./ 49 .1 1.6 6.211.216.730.921.210.2 1.c .1 893 593 ₹ <u>õ</u> 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to Ī "2 Σχ, No. Obs. Mean No. of Hours with Temperature Element (X) ; ±67 F | ±73 F | ±80 F | ±93 F 61.910.485 3515271 55241 893 90 8 90 8 76.4 3.411 67.3 2.455 77.7 16.1 Ory Bulb 5224589 68237 893 89.1 4045333 60063 Wet Bulb 893 56.2 3456524 5546Z 62.1 3.555 90 Dew Peint 893 8.7

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

STATION	AHE	ELE	RAF	HI ST.	ATTON NA	ME				<u>66-</u>	70,7	<u>3-79</u>		YE	ARS					A MOM	P R
																		PAGE	1	1500 HOURS (1	- 17:
Temp						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F) [	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	× 31	D.B./W.B.	ry Bulb	Wet Bulb	Dew P
24/ 83:		-		1			• 3	• 1										4	4		
52/ 81					5	4	1.3	.6						<u> </u>				27	27		
75/ 79 75/ 77		ì	-	• 1			3.9			• 1					ļ		}	92	92	į	
76/ 75		• 2	• 2	3 9	3.4	$\frac{1 \cdot 3}{2}$	3.3	• 5 • 3						<del> </del>			<del> </del>	188	188 218		
74/ 73		• 4	• 4 ₁	5.7	6.2	4.7	3.5		• 1		!				-		İ	218	143	13	
72/ 71		- 5	2.8	3.9	5.0	1.1									— <del>-</del>		<del> </del>	120	120	30	
70/ 691			2.9				ſ											71	71	131	
68/ 67	• 2	• 7	1.1	• 1	. 4		i—											23	23	302	
66/ 65		. 1																5	5	303	1
64/ 63				i	• 2		-											3	3	8.3	i
52/ 61				1			;										1		1	Z 2	z
62/ 59		,					,													2	1
56/ 5.					1													<u> </u>		5	
56/ 55	i				-									)	1		1	1 1	1	2	
54/ 53														<u>                                     </u>				<del>                                     </del>			
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48/ 47	~		- ^		20.0																_
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Element (X)		Ex²			ZX		<u> </u>	x	<u> </u>	No. 01	L	L	<u> </u>		Mean No	of H	ours wit	h Temperat	ur <b>e</b>	-	
Rel. Hum.		<del></del> -	7481		578	RO	64.8				94	± 0	F	± 32 F	≥ 67		73 F	≥ 80 F	≥ 93 F		Total
Dry Bulb			0507		669		74.9				94	<u>_</u>	-+-		89		67.7	<u> </u>	<del></del>	_	
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Dew Point			9073		554		62.0				94		_		7		+ 2		1	_	

GLOSAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 22503 AHEELER AFB HI 68-70,73-79 STATION NAME 1800-2000 HOURS (L. S. T.) PAGE 1 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 7:/ 77 5 75/ 75 14/ 73 44 .2 1.2 4.9 5.3 1.0 4.612.3 7.0 2.7 120 120 1 72/ 71 213 213 2.511.412.4 4.9 72/ 69 262 262 37 15 58/ 67 2.8 8.4 3.7 1.1 133 133 37 152 1.9 1.9 1.1 66/ 65 41 41 313 103 64/ 63 • 2 245 193 • 1 52/ 61 46 252 40/ 59 140 55/ 57 50 56/ 55 24 £4/ 53 5 52/ 51 4 45/ 47 830 TOTAL ! .1 8.728.335.921.0 5.4 830 839 830 8 ತ 0.26.5 Element (X) No. Obs. Mean No. of Hours with Temperature 4751634 62372 1 8.825 830 ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F Rel. Hum. ± 0 F ± 32 F 90 90 90 4116018 58410 1 2.576 Dry Bulb 830 84.3 18.3

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### **PSYCHROMETRIC SUMMARY**

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#### **PSYCHROMETRIC SUMMARY**

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# **PSYCHROMETRIC SUMMARY**

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Rel. Hum.	5892943	70635		8.673	856	±0F	± 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	- T,	otal
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Wet Bulb	3634744	55748		2.187	856	+	<del> </del>	23.6		+	+	<del></del>	
Dew Point	3417453	54043	63.1		856	-	+	7.9			<del></del>	+	
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CLOPAL CLIMATOLOGY BRANCH USAFETAC AIR #EATHER SERVICE/MAC

22808 AMEELER AFB HI
STATION STATION NAME

# PSYCHROMETRIC SUMMARY

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95/ 79		.3 1.2 7	9 4.3	1.5	- 1	<del>:</del>		<del></del> -	<del></del>			143	143	<del></del>	
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	z _x , 4069121	2 _X	X 65.5	σ _x 10.11	5	No. Obs. 926	= 0 F	3 32 6	≥ 67	F 27	73 F	h Temperatur × 80 F	= 93 F		
Rel. Hum.	z _x , 4069121 538263	2 x G 606661 70541	X 65.5 76.2	*x 10.11 3.10	5	No. Obs. 926 926	= 0 F	1 32 F	92	F ≥ 7	73 F 52 • 4	Temperature 2 80 F	= 93 F		otal 9
Element (X) Rel. Hum. Dry Bulb	z _x , 4069121	2x 5 60666 1 70541 6 62958	x 65.5 76.2 58.0	σ _x 10.11	5 5 5 2	No. Obs. 926	= 0 F	1 32 F	≥ 67	6 6 • 7	73 F	Temperature 2 80 F	= 93 F		

63-70,73-79

CLORAL CLIMATOLOGY BRANCH USAFETAC AIN WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMAR**

STATION	*HEELER A		ON NAME						3-79	YE	ARS				MAN MATHON
													PAGE	1	1200-1
Temp.			WET	BULB T	EMPER	ATURE	DEPRE	SSION (	F)				TOTAL		TOTAL
(F)	0 1-2 3-	5-6 7.	8 9-10	11 - 12			17 - 18	19 - 20	21 - 22 2	3 - 24 25 - 26	27 - 28 29	- 30 ≥ 31			Wet Bulb De
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32/ 39	•		•411•2				ì '						240	240	
7:/ 77			.0 9.5						<del> </del>			<del></del>	227	227	
76/ 75		8 2.2 4	.4 3.6				· •		. 1 !	i_	· 		116	119	
74/ 73	.5 1.		• 9				,				:		54	54	;
72/ 71	<u>•8</u> 1.	3 .5	• 2	<del></del>					<u>.                                    </u>		· · ·	:	23	23	
70/ 69		2 .2		,							, ,		; a:	8	
66/ 65		1							<del></del>		<del> !-</del>	<del>  </del>	<del>  1</del>		33 <u>3</u> 86
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5e/ 55 54/ 53							-			<del></del>	<del>                                     </del>	<del>!</del> -	<del> </del>		
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Element (X)	Σχ2			¥			No. Ob	s. (			Mean No.	of Hours with	h Temperatu	110	
Element (X) Rel. Hum.	343898	9 5		¥ 60.1				s. 28	20F	± 32 F	Mean No.	of Hours with 273 F	h Temperatu > 80 F	re 293 1	Tot
Rel. Hum. Dry Bulb	343898 574584	19 <u>5</u>	2967	60.1 78.6	9.8 3.0	87 43	9	28 28	±0F	32 F	267 F	≥73 F 3 89 • 8	> 80 F	× 93 1	- Tor
Rel. Hum.	343898	39 5 39 7 27 6	2967 3753	60.1	9.8 3.0 1.8	87 43 31	9 9	28	20 F	s 32 F	≥ 67 F	2 73 F 2 89 8 3 2 4	> 80 F	× 93 1	- Tor

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GLIBAL CLIMATOLOGY BRANCH AIP REATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR'S

STA"10N		STATION NAME				3-79	YE	AR5				MONTH
										PASE	1 .	1500-1700 HOURS (L. S. T.)
Temp		WE	T BULB TE	MPERATUR	E DEPRESSION	F)				TOTAL		TOTAL
(F)	0 1-2 3-	4 5-6 7-8 9-1	0 11 - 12 1	3 - 14 15 - 1	6 17 - 18 19 - 20	21 - 22 23 -	24 25 - 26	27 - 28 29 -	30 2 31	D.8./W.B.	by Bulb.	Wet Bulb Dew Poir
6/ 85				• 2	1	<b>!</b>		;	•	5	2;	
7/ 61		<del></del>	2 5·1	<del>2.5</del> •	<u> 2:</u>	<del> </del>		<del></del>		33 85	33: 85 ¹	
32/ 79		170	8 5.6	Z+1 +	2:	ì			,	185	186:	
$\frac{357}{76}$ 77		.3 7.610	7 5 5	•1	<del></del>	<del>:</del>				219	219	<del></del>
76/ 75	• 1	.8 3.8 9.2 8		. 1		:	!			217	217	
74/ 73		.7 4.1 3.5 1.				<del></del> -				113	113	16 1
72/ 71	1.2 2	• 2. 1 • 1 • 5		š						47	47	84 6
7./ 69	.2 1.3 1	.1 .2						1		26	25	321 43
63/ 67	.1	1	<del></del>		<del></del>			<u>-</u>		2:	2	366 99
66/ 65					,	•	ï	ī				129 180
64/ 63			<del></del> ;		<del></del>	<del></del>			<del></del>			19: 246
62/ 61 62/ 59							,			,		1 220 106
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55/ 55	.2 3.4 6	.1 9.522.633.	418.4	9.3	3					930	930	
55/ 55	.2 3.4 6	.1 9.522.633	418.4	9.3	3					930	930	
55/ 55 OTAL												
56/ 55 OTAL	τ _χ ,	Z ₁	X		No. Obs.	106	127		f Hours with	Temperatu		930
SS/ SS  FOTAL  Element (X)  Rel. Hum.	Z _X ²	Z ₁ 151 59171	X 63.61	°a .D.546	No. Obs. 930	±0F	1 32 F	≥ 67 F	≥ 73 F	Temperatu × 80 F	70 293 F	930
SS/ SS FOTAL	τ _χ ,	Z ₁   51 59171   21 71613	X 63.61 77.0		No. Obs.	20F	= 32 F		≥ 73 F	Temperature 80 F	70 293 F	930

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SUSSAL CLIMATOLOGY SRANCH LIFETAC AIR ABATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 223_8 AMEELER AFB HI 55-76,73-79 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp (F) 0 1 - 2 3 - 4 5 6 7 - 8 9 - 10 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 21 D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point 22/ 79 .2 .3 .4 3.0 2.2 11 11! 75/ 77 .7 2.5 7.2 3.4 124 76/ 75 124 2.611.8 9.6 2.4 225 225 74/ 71 .9 5.711.4 7.3 218 218 .1 3.5 8.5 5.3 1.2 .4 2.2 1.9 .7 .1 167 5+1 67 45 291 91 55/ 65 3C1 24/ 63 102 214 52/ 51 62/ 59 ь1 55/ 57 56/ 55 .5 7.319.533.428.6 9.3 1.3 945 545 IDITIONS CI \$ €, No. Chs. Element (X) Ŧ Mean No. of Hours with Temperature • 267 F | 273 F | 280 F | 293 F Rel. Hum. 4652851 73.7 9.035 Dry Bulb 4446065 72.5 2.646 92.8 45.5 61253 845 93 Wes Bulb 3757538 56324 66.7 1.955 48.2 845 93 Dew Paint 53646

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**]** CLUEAL CLIMATOLOGY PRANCH LIAFLIAC **PSYCHROMETRIC SUMMARY** AIR REATHER SERVICE/MAC STATION STATION STATION NAME 69-73,73-79 4AY MONTH 2100-2300 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-19 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 0.7 79 1 75/ 75 74/ 73 .4 1.1 3.2 1.9 33 33 72/ 71 1.7 9.3 9.0 4.1 .2 7.718.411.5 .9 7_/ 69 182 30 182 10 43/ 67 .9 5.613.2 2.4 139 10% 5 C 6/ 65 3.4 1.9 192 105 4/ 63 110 131 52/ 01 11 122 ec/ 59 42 5a/ 57 56/ 55 5 TOTAL 1.119.943.627.8 7.1 .2 468 458 1 1 1 4 ĝ No. Obs. Mean No. of Hours with Temperature Element (X) 81.1 7.870 ≥67 F | ≥73 F | ≥80 F | ≥93 F 3105793 Rel. Hun... 37947 468 # 0 F ≤ 32 F 69.7 2.037 65.7 1.826 63.6 2.507 2273767 32607 468 87.4 93 Dry Buth 93 93 2024096 30766 30.8 468 Wat Bulb 1894731 Dew Point 

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27508 STATION	* PEELER AFS H	STATICH NAME				<u>63-72</u>	<del></del>	<del></del>	YE	APS					×
													PAGE	1	HOURS I
Temp.						E DEPRESSIO							TOTAL '		TOTAL
(F)	0 1-2 3-4 5-6	7 - 8 9 - 10	11 - 12				20 21 - 2	2 23 -	24:25 - 20	27 - 28	29 - 3	10: +31			Wet Bulb
56/ č5		^	. ,								•		12	12	
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45/ 79		1 .7 5.											581	581	
7:1 77		4 4 . 2 5 . 1				<u>.                                    </u>						····	710	719	
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74/ 73	.4 1.9 5.	3 4.1 1.	1 -1			·······							642	642	45
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72/ 69	.1 2.6 5.5 3.												589		1156
52/ 57		5 •1											382		1627
56/ 65		1 .3											183		1202
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E1	Z _X ;	z _x	Ī	<del>  _</del> l		No. Obs.	<del></del>					<u> </u>	h Temperatu		
Element (X)   Rel. Hum.	25051149	346699		12.7		4957	+ -	0 F	= 32 F			2 73 F	- 80 F	+ 93 F	-
Dry Bulb	27445691	358111		4.7		4957		•					110.8		:
Wet Bulb	22434237	333273		2.3		4957				470		7.2		<del> </del>	1
Dew Point	19980004	314402		2.7		4957	<del>- </del>			102		•8		i	<del></del> -

SLOPAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY ALE MEATHER SERVICE/MAC 225 A AFELEN AFE HI STATEMENT 59,73-74 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Te-s. IF 1-1-59 TOTAL 0 1-2 3-4 5-6 7-2 9-10 11-12 13-14 15-16 17-18 19-20 21-22-23-24-25-26 27-26-29-30 +31 D.B.-W.B. Dry Bulb Wer Bulb Dew Pern 14.328.5 55/ 67 28.514.3 14.3 :÷/ 63 5/.142.9 TOTAL 1 1 0.26.5 (OL A) Element (X) X "z Mean Ho. of Hours with Temperature 54601 32388 88.1 6.012 53.0 1.826 Dry Bulb 7 1 476 77.1 Wet Bulb 30235 65.7 1.254 12.9 De- Point ;

SLOCAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 2538 AMEELER AFB HI 66-70,73-79 MUL YEARS STATION NAME 0600-0800 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21 22 23-24 25-26 27-28 29-30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 70/ 77 .1 1.1 • 1 13 • 2 .1 .4 2.8 4.1 .4 2.8 8.0 3.4 76/ 75 741 73 127 127 .1 2.210.3 7.8 1.6 72/ 71 184 184 70/ 69 .1 6.715.7 3.0 119 26 217 217 i 68/ 67 .2 9.1 7.5 146 146 275 121 66/ 65 .1. 6.2 1.7 294 259 68 68 64/ 63 1 1.6 .1 246 62/ 61 23 135 6./ 59 35 58/ 57 8 Ĺ ·726.238.422.410.5 1.4 TOTAL 836 835 835 835 Ľ 1 E 1 ತ 0.26.5 Element (X) No. Obs. Mean Mo. of Hours with Temperature €g. 5613507 Rel, Hum. 68093 81.5 8.526 76.4 2.967 835 ±0 F ± 32 F ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F 90 4145437 58817 836 22.2 Dry Bulb 31.1 90 90 3689505 55479 66.4 2.011 835 43.9 Wet Bulb Dew Point 3463999 53745 64.4 2.371

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GLCFAL CLIMATOLOGY BRANCH USAFETAC AIR AEATHER SERVICE/MAC

22508 WHEELER AFB HI

#### PSYCHROMETRIC SUMMARY

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#### PSYCHROMETRIC SUMMARY

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1230-1400 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 > 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 18/87 . 1 -6/ 85 84/ 83 ·1 ·2 1·2 4·0 6·5 3·5 140 1.1 5.613.5 5.1 241 241 55/ 79 .8 3.512.4 5.5 3.0 . 6 231 231 73/ 77 .3 1.3 4.2 6.8 2.5 136 136 70/ 75 74/ 73 .7 2.3 3.3 1.6 17 • 1, 73 7 3 .9.1.2 78 72/ 71 202 21 344 7./ 69 •2 6:/ 67 213 132 66/ 65 34 211 64/ 63 209 150 52/ 59 ან 58/_57 5t/ 55 TOTAL .5 1.0 3.0 5.212.728.025.816.5 5.6 897 897 897 897 Element (X) No. Obs. Mean No. of Hours with Temperature ≥67 F | ≥73 F | ≥80 F 3298063 53617 59.810.198 897 ± 32 F 5756243 71807 80.1 2.973 897 90.0 38.8 55.4 90 Dry Bulb 69.9 2.143 64.5 2,434 4381931 897 35.5 52665 10.3 Wet Bulb 90 3747023 57893 897 23.2

68-70,73-79

CEREAL LLIMATOLOSY BRANCH USAFETAC AIM AFATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

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SLOPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

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GLUSAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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Element (X)	Σχ'	ZX	<del>                                      </del>		No. Obs.	<u> </u>	نـــــــــــن	Mean No. o	f Hours wi	th Temperatu		
Rel. Hum.	2790788	35144		6.951	446	± 0 F	± 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	-
Dry Bulb	2273169	31829	71.4	1.942	446		+	90.0			+	$\dashv$
Wet Bulb	1992296	29798		1.800	446		+	49.8		†	+	<del></del>
Dew Point	1854975	28743		2.416	446		<del></del>	19.4		<del> </del>	<del></del>	<del></del>

SLIBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR REATHER SERVICE/MAC AMEELER AFS HI 68-70,73-79 YEARS STA" ON HAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 : 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) £8/ 37 • 1 • g 25/ 85 55 55 .1 .5 1.4 2.2 ابر. 84/ 83 241 241 62/ 81 . 6 2.4 5.6 1.8 530 530 • 2 . 1 90/ 79 • 1 .4 2.3 7.5 2.8 1.4 • 0 700 730 .3 1.3 5.4 5.8 2.3 75/ 77 707 787 .1. .9 3.6 6.9 2.4 76/ 75 688 686 44 16 74/ 73 .4 2.4 6.5 3.0 631 189 40 531 72/ 71 .7 1.0 4.5 5.1 1.3 576 576 546 70 70/ 69 .1 2.1 4.4 1.3 391 391 1492 • 2 6c/ 67 .0 2.1 1.7 193 193 1497 735 66/ 65 .0 1.1 _ • 3 69 813 1297 591 • 0 64/ 63 .3 .3 .3 15 177 1220 62/ 61 63/ 59 26 812 1 291 58/ 57 56/ 55 9 8 54/ 53 TOTAL .5 7.314.818.519.719.412.3 6.1 1.4 4801 4799 4799 4799 ŝ No. Obs. Mean No. of Mours with Temperature Element (X) 2346952; ≥67 F | ≥73 F | ≥80 F | ≥93 F Rel. Hum. 330446 68.912.215 4799 # 0 F 75.8 4.581

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Dry Bulb

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SE PAE CLIMATOLOGY BRANCH USAFETAC A. - MEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

2508 STATION	AHEELER SFB I	STATION NAME				5,7£			YEARS					JUL	•
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Temp		WE	T BULS T	EMPERAT	URE DE	RESSION	(F)					TOTAL		TOTAL	
(F)	0 1-2 3-4 5-	6 7-8 9-10	11 - 12	13 - 14 :15	- 16 17 -	18 19 - 20	21 - 22 2	3 - 24 25	- 26 27 -	28 29 - 3	30 2 31	D.B./W.B.	Dry Bulb	Wet Bulb De	w Po
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Ref. Hum.	41484	538		4.74		7	= 0 F	₫ 32	$\overline{}$	67 F	≥ 73 F	> 80 F	≥ 93 F	Tot	tol
ry Bulb	36437	505	72.1			<del></del> 7		<del></del>		93.0	39.9		+		_ 9
Wet Bulb	31568	470	67.i			7		$\top$		55.4		1	1		
Pew Point	29208	452	54.5			7				13.3		<del></del>	$\neg \neg$	<del></del>	

SLOSAL CLIMATOLO Y BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR MEATHER SERVICE/MAC 22508 AMEELER AFE HI STATION NAME 74,76-78 3363-0536 HOURS (L. S. T.) VET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B.-W.B. Dry Bulb Wet Bulb Dew Point (F) 74/ 73 70/ 69 42.9 23.5 2:/ 57 2 46/ 65 £4/ 53 52/ 51 TOTAL 28.628.542.9 Element (X) Mean Ho. of Hours with Temperature 577 267 F | 273 F | 280 F | 293 F 47809 82.4 6.425 Rel. Hum. 10F 34221 39.9 Dry Bulb 489 69.9 3.185 7 79.7 66.1 1.264 64.3 1.704 30545 463 Wet Bulb 28946 Dew Point

SE PAR CLIMATOLOGY BRANCH USAFUTAC ALM ACATHER SERVICE/MAC 22508 AHEELER AFB HI

# PSYCHROMETRIC SUMMARY

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STAT ON		STATION NAME	E				YĘ	ARS		PAGE	1	0600-	<u> 080</u>
	<del></del>									1		HOURS (L.	S. T.)
Temp (F)	0 1-2 3-4 5-	4 7 8 0			RE DEPRESSION		- 24 25 - 26	127 - 28.29 -	361 + 31	TOTAL D.B./W.B. D		TOTAL	ew Pa
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74/ 73	1.4 4.410	.7 2.8	.6							170	170	3	
72/ 71	.2 1.913.3 6	3. C.	•1			·	<del>_</del>	<del></del>	<del> </del>	162	162	46	
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Element (X)	Z _X ,	Σχ	T	7.	No. Obs.	<u> </u>		ean No. c	f hours wil	th Temperatur	<del>-</del>		
Rel. Hum.	5669036	6919		8.551	854	= 0 F	± 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Į T	otal
Dry Bulb	4337619	6081		2.979	954			28.1	32.9	9			9
Wet Bulb	3850637	5731		2.021	854		<u> </u>	58.6	• 3	3			9
Dew Point	3615260	5552	8 65.0	2.365	854		ــــــــــــــــــــــــــــــــــــــ	24.1	. 1				9

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GLURAL CLIMATOLOGY BRANCH JSAFETAC PSYCHROMETRIC SUMMARY ATE REATHER SERVICE/MAG STATION STATION ST 58-75.73-79 JUL WET BULB TEMPERATURE CEPRESSION (F) TOTAL Temp. 1-2 3-4 5-6 7-8 9-10 11-12 13-14-15-16-17-18-19-20 21-22 23-24 25-26-27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point -8/ 87 1 -5/ 95 .3 1.1 .1 1.1 1.9 2.3 24/ 83 • 1. 49 49 12/ 81 145 .2 1.4 5.7 7.2 1.3 145 79 .1 1.2 5.115.4 5.1 253 3.7 253 7=/ 77 .2 3.9 9.9 9.0 1.5 76/ 75 .4 1.1 5.2 6.7 1.9 .1 145 145 ۶. 74/ 73 .6 2.2 3.3 34 51 61 72/ 71 1.4 . 8 21 21 195 28 __5 77/ 6% 411 105 = 1 67 • 1 201· 194 65/ 65 234 541 63 234 52/ 61 132 521 59 19 54/ 57 56/ 55 .2 3.1 4.413.524.233.316.2 4.6 927 927 927 Mean No. of Hours with Temperature Element (X) 65.3 9.597 78.3 3.020 4032087 5697438 927 : 32 F 267 F | 273 F | 280 F | 293 F Rel. Hum. 63467 ± 0 F 93.0 927 Dry Bulb 72520 90.0 33.6 69.9 1.394 65.5 2.774 4527579 64761 927 90.4 93 Wet Bulb 9.4 3986347 927 60735 33.6 Dew Point

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ULCRAL CLIMATOLOGY BRANCH ULAFLTAC AIF WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

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		STATION NAME			<u>65-70,</u>		YE	ARS				JU MONT	
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Temp.	<del></del>	WE'	T BULB T	EMPERATUR	E DEPRESSION	(F)	<del></del>	<del></del>		TOTAL !		TOTAL	_
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74/ 73	· · · · · · · · · · · · · · · · · · ·	1.1 .5 .	<del>-</del>							12	12	155	_
72/ 71	•1 •3							r.		4	4	231	
7./ 69	•:									1	1	351	
6-1 67	•1								<u> </u>	1	1.	135	
66/ 65												7	
44/ 63								<del>,</del>					
52/ 61 60/ 59													
5-1 57					<del></del>				<del></del>				
TOTAL	.2 1.0 1.4	3.912.625.	132.7	19.4 5.	3 .4						925		_ •
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Element (X)	Σχ,	Z _X	· · · · · · · · · · · · · · · · · · ·		No. Obs.			Mean No. of		Temperatur			
Element (X) . Rel. Hum	x _x , 3272244	* ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;		** 9.332	No. Obs. 926	± 0 F	± 32 F			Temperatur > 80 F	; ;		
			58.8			20F	: 32 F		Hours with	≥ 80 F	≥ 93 F		otal
Rel. Hum	3272244	54408	58.6 81.3	9.332	926	z0F	= 32 F	≥ 67 F	Hours with	≥80 F 71.5	≥ 93 F		

SECHAL CLIMATOLOGY BRANCH CRAFETAC AIR MEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

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-6/ 85				2.5.1.		•				55	55		
:4/ 83		.3 2.	7 3.7	6.0 1.	3					126	126		
24/ 81				2.3		,				218	218		
+ 77 79	•:	.0 5.914.	4 5.1	1.8			·			276	270		
7-/ 77	ä	2.2 6.3 5.	7 2.3							158	158		
70/ 75	1.4 2	2.3 2.7 .	5 • 1							58	58	17	
74/ 73	.1 .7 1	.9 .2 .	1							15.	19	131	
72/ 71	.2 .7	•1								<del>\$</del>	ò	225	-
70/ 69	.1 .2									3	3	372	15
53/ 67												158	17
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: Element (λ)	Σ _χ ²	Zx	- <del>   </del>	- <u> </u>	No. Obs.	+		Mean No of	Hame wid	Tennetin		<del></del>	
Rel. Hum.	3486282	56126		8.969	922	20F	± 32 F	≥ 67 -	≈ 73 F	≈ 80 F	≥ 93 F	To	tal
Dry Bulb	5927828	73880		2.912	922	<del> </del>	1	93.0	91.8			<del>                                     </del>	9
Wei Bulb	4553733	6477d		1.997	922	<del>                                     </del>	<del> </del>	91.1	14.9			<del></del>	
Dew Point	3728663	60121	55.2		932	4	<del></del>	.2.4	• 3				<del></del>

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62-72,73-70 WET BULB TEMPERATURE DEPRESSION (F) WET BULB TEMPERATURE DEPRESSION (F)

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PSYCHROMETRIC SUMMARY

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SLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 22508 WHEELER AFB HI 68-70,73-79 STATION NAME 2130-230C PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 16 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | = 31 (F) 75/ 77 76/ 75 .4 .2 .9 6.4 3.5 3 49 74/ 73 8.617.5 4.2 139 139 3.516.319.6 1.8 72/ 71 187 187 .2 2.6 7.9 3.5 .4 .4 1.3 70/ 69 65 65 114 28 66/ 67 10 10 191 117 66/ 65 118 116 44/ 63 130 62/ 61 51 30/ 59 TOTAL .7 6.635.147.9 1153 453 453 453 ₹ C g 0.26.5 2x 35498 Mean No. of Hours with Temperature Element (X) No. Obs. 2801892 Rel. Hum. 78.4 6.685 453 ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F 72.3 1.802 67.6 1.702 65.2 2.315 Dry Bulb 2367420 32738 453 93.0 39.2 93 2070492 30616 453 67.1 93 Wet Bulb 1926892 29526 30.6 Dew Point 453

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## **PSYCHROMETRIC SUMMARY**

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CLCBAL CLIMATOLOGY BRANCH ENAFETAC A14 WEATHER SERVICE/MAC

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### **PSYCHROMETRIC SUMMARY**

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SLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC ALP MEATHER SERVICE/MAC 2505 WHEELER AFS HI 67-78,73-73 AUG STATION NAME MONTH 0600-0800 HOURS (L. S. T.) PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 2 / 79 72/ 77 .1 .1 .3 .3 1.1 2.6 .3 1.3 5.1 5.3 2.7 6.1 12.4 1.1 76/ 75 11i 111 74/ 73 180 180 27 72/ 71 .5 5.213.5 5.8 222 222 68 7:1 69 .5 8.513.9 .6 81 205 224 206 60/ 67 4.3 5.9 90 90 353 203 •1 1.9 •3 •1 •1 66/ 65 170 319 64/ 63 43! 189 46 5L/ 59 6 58/ 57 52/ 51 879 TOTAL 1.323.241.623.1 9.8 1.3 879 879 879 ã õ 0 0.26.5 0 Element (X) No. Obs. Mean No. of Hours with Temperature 5965193 72055 82.0 8.167 879 267 F 273 F 280 F 293 F Rel. Hum. ±0 F ± 32 F 71.7 2.873 67.8 2.083 65.9 2.415 63018 93 93 ₽525188 90.5 879 35.7 Dry Bulb 4046167 59609 879 Wet Bulb 69.9 1.7 3818351 57895 Dew Point

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GLOBAL CLIMATOLOGY SPANCH USATETAC AIR REATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

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JUDAL CLIMATOLOGY BRANCH CHAFETAC ATT AFATHER SERVICE/MAC 22505 AMERICA AFR HI STATION STAT

### **PSYCHROMETRIC SUMMARY**

22575 AHEFLER 4F8 HI 67-70,73-78

STATION STATION NAME

67-70,73-78

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GEORAL CLIMATOLOGY RRATCH LOAFETAC AT A MEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

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5 BLUFAL CLIMATOLOGY PRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIM MEATHER SERVICE/MAC 22.07 MEELER AFB HI STATION NAME AUG_ 67-7C,73-7r 1830-2000 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wer FulbiDew Point (F) 56/ R5 1 2/ 81 . # 1.3 511 .2 .9 2.8 5.1 91 91 .9 3.114.6 4.4 76/ 77 198 74/ 75 74/ 73 .7 2.914.416.J 2.1; 307 397 1.1 3.214.9 3.3 .1 .7 1.5 2.0 192 192 72/ 71 36 36 135 41 75/ 64 336 252 207 56/ 65 278 64/ 63 52/ 61 62/ 59 188 5 3 TOTAL 850 <u>028</u> 3.1 8.835.537.214.1 1.3 850 850 Cg Element (X) No. Obs. Mean No. of Hours with Temperature 4386156 60726 71.4 7.499 850 ≥67 F | ≥73 F | ≥80 F | ≥93 F Rel. Hum. 20F 4901084 54516 75.9 2.236 850 93.0 83.6 Dry Bulb 89.4 4085431 58909 69.3 1.803 850 93 Wet Bulb 4 . 8 3704539 56075 66.0 2.483 Dew Point

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CLOTAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** CAFETAD AIR LEATHER SERVICE/MAC AFELER AFB HI 67-72,73-73 1 384S WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 - 15 - 16 : 17 - 18 19 - 20 : 21 - 22 , 23 - 24 ; 25 - 26 , 27 - 28 : 29 - 30 ; × 31 D.B. W.B. Dry Bulb : Wet Bulb : Dew Point 7-/ 77 75/ 75 74/ 73 1.3 3.512.9 2.9 .2 2.512.729.7 2.7 99 233 233 3.111.2 9.2 2.3 4.1 1.2 117 117 72/ 09 6=/ 67 182 36 41 202 152 6/ 55 153 54/ 63 21 TOTEL 489 OBSOUN 0.26.5 (OL € No. Obs. Element (X) Mean No. of Hours with Temperature X 38421 3038749 ≥67 F | ≥73 F | ≥80 F 78.6 6.400 489 2619743 Dry Bulb 35783 73.2 1.626 489 93.0 63.9 Wet Bulb 2298354 33514 68.5 1.721 489

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GUCHAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIP FEATHER SERVICE/MAC 9 AMLELER AFS HI 67-70,73-79 STATION NAME 3 PAGE 1 WET BULB TEMPERATURE TEPRESSION (F) TOTAL TOTAL 윩 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 J/ 87 .3 .1 .1 10 13 5/ A7 89 89 • 5 1.3 2.4 240 245 :4/ 83 • 3 .4 1.8 3.7 3.6 498 498 • 1 -2/ 31 ·0 ·1 1·2 4·4 6·7 • 9 671 571. 1 ·2/ 79 .9 3.3 8.5 1.5 . 1 713 .5 i.9 6.7 3.3 34 13 653 553 • 1 76/ 75 .5 1.8 5.7 5.3 .6 .J 1.2 3.4 7.7 1.J .0 609 599 26 74/ 73 72/ 71 72/ 69 676 676 558 62 .1 1.6 3.9 2.3 224 400 400 1118 .1 1.8 2.9 254 1634 254 .8 1.0 .3 .1 .0 .0 66/ 57 16/ 55 90 1047 1170 90 • 3 22 22 265 1544 44/ 63 44, 1157 54/ 61 296 567 57 52 Ó 52/ 51 .2 6.414.019.018.119.413.6 7.8 1.5 5917 5017 Ξ 5017 5017 ਰ (O L No. Obs. Meon No. of Hours with Temperature Element (X) 24352009 344281 68.612.034 5017 # 0 F 267 F 273 F 280 F 293 F Rel. Hum. 77.6 4.745 69.9 2.385 740.4 630.1 282.5 30301554 389174 5017 744 Dry Bulb 24:44561 352709 5017 697.4 104.4 744 Wet Bulb 21943981 331515 66.1 2.753 5017 298.2 14.7 744 Dew Point

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## PSYCHROMETRIC SUMMAR'

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#### **PSYCHROMETRIC SUMMARY**

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PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL . TOTAL #ET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 1 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 - 31 D.B. W.B. Dry Bulb Wet Bult Dew Point : 1 79 •1 •4 75/ 77 1.J 1.5 27 .1 1.1 5.5 2.6 80 âØ 1.1 7.3 9.3 1.3 4.313.2 4.2 .5 74/ 73 152 152 184 184 ક ./ 59 .2 9.314.3 1.3 295 236 .211.3 5.6 50/ 67 319 216 142 142 16/ 65 <u>1 3.4 .6</u> 1.3 .1 35 206 321 14/ 63 53 162 52/ 61 59 5./ 59 51/ 57 TOTAL .533.341.629.7 5.2 .6 .1 842 842 Element (X) No. Obs. X Meen No. of Hours with Temperature 9D 9D Rel. Hum. 5908168 70242 63.4 7.585 267 F | 273 F | 280 F | 293 F 842 Dry Bulb 4249263 59751 71.0 3.230 65.0 342 28.1 Wet Bulb 3832295 56779 67.4 2.937 842 61.2 90 Dew : oint 3636374 55304

67-70,73-78

SCIBAL CLIMATOLOGY FRANCH LLESTAS **PSYCHROMETRIC SUMMARY** 11- AELTHER SERVICE/MAC STATION A SELER AFE HE 67-73,73-7= STATION NAME 9 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL . D.B. Y B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 - 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 26 29 - 30 21 (F) 's/ 87 1 .1 .2 1.1 1.6 .1 3.4 5.3 4.3 -6/ ES 115 2.6 7.5 9.6 134 184 .2 1.6 8.D14.9 1.4 233 238 1 7-/ 77 •3 3•71J•1 5•3 •1 177 .2 1.7 4.3 4.1 .4 15/ 75 74/ 73 12 .3 2.5 2.7 .1 **4** 6 7.7.59 362 5-/ 67 259 c6/ 65 263 162 £27 61 C EC/ 59 -1/ 51 2:/ 47 ·1 1·3 5·611·925·131·817·2 6·7 ·3 ·1 ·1 æ C g 8 °x 65.0 9.037 Eliment (X) 58443 3873461 899 Rel. Hum. 267 F | 273 F | 280 F | 293 F 90 90 71369 5677141 79.4 3.519 899 90.D 89.1 45.1 Dry Buib 4500077 63583 70.7 1.653 399 Wet Bulb 39-6 17-3 3975215 59733 

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GLOBAL CLIMATULOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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Dew Point

### **PSYCHROMETRIC SUMMARY**

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CLUBAL CLIMATOLOGY BRANCH JEAFETAC **PSYCHROMETRIC SUMMARY** AIR REATHER SERVICE/MAC 225 13 WHEELER AFB HI 67-70,73-78 STATION NAME PAGE 1 1500-1700 HOURS (L. S. T.) Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 15 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | * 31 | D.B./W.B. | Dry Bulb | West Bulb | Dew Point 1./ 87 16/ 87 6/ 85 1 1 1 1 1 3 3 4 1 2 65 65 .1 2.3 6.9 5.8 £4/ 83 142 142 12/ 81 .1 1.9 7.713.2 2.1 225 225 .3 1.2 4.815.4 3.2 .8 3.2 5.3 6.2 .8 1 £27 79 228 228 77 75/ 144 144 .9 2.0 1.2 1.3 16/ 75 56 56 21 3 74/ 73 ā · C • 2 18 18 164 10 72/ 71 . 4 • 1 265 53 72/ 69 354 118 1 os/ 67 92 171 56/ 65 242 64/ 63 200 1 12/ 61 38 60/ 59 14 5e/ 57 .2 2.2 4.1 6.013.133.425.912.2 2.7 899 899 899 899 ₹ 6 0.26.5 Σx Element (X) Mean No. of Hours with Temperature No. Obs. X 9.942 3516792 55514 899 Rel. Hum. 61.8 10F ± 32 F 267 F 273 F 280 F 293 F 5826531 72325 87.5 2.975 899 Dry Bulb 90.0 89.3 56.9 4504516 63614 70.8 1.669 899 90 Wet Bulb 89.8 18.6

Dew Point

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CLOBAL CLIMATOLOGY BRANCH USAFETAD AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

SEP
STATION
STATION NAME

67-70,73-78

YEARS

PAGE 1 1800-2000
HOURS (L. S. T.)

WET BILL & TEMPERATURE DEPRESSION (E)

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Dry Bulb			6535		619	985	75.2	2.1	33		324		工				82.2		6		90
Wet Bulb			17892		570	018	69.2	1.7	722		324					5.0	2,ε	E!		工	90
Dew Point		361	5793	1	545	547	66.2	2.4	40	8	324				35	9.6	63	3			90

**PSYCHROMETRIC SUMMARY** USAFETAC ATF WEATHER SERVICE/MAC AHEELER AFS HI 67-70,73-78 2100-2300 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 7-/ 77 1.9 .2 1.9 10 10 16/ 75 174 74/ 73 2.613.719.5 1.5 174 2 72/ 71 4.925.612.0 175 175 39 8 .4 3.3 5.0 1.1 72/ 69 49 49 178 68/ 67 189 145 56/ 03 159 54/ 63 76 62/ 51 18 TOTAL .411.441.443.1 3.6 466 466 466 466 ž ſ, a õ C Œ 10 to 12

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SECRAL CLIMATOLOGY BRANCH

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

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Dew Point

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68.4 1.639

66.3 2.124

Mean No. of Hours with Temperature

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.4

90.0

79.4

41.1

≥ 93 F

90

SLUBAL CLIMATOLOGY BRANCH CSAFETAC AIN AEATHER SERVICE/MAC

22178 MHEELER AFB HI

#### PSYCHROMETRIC SUMMARY

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															HOURS (L	. S. T.
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Element (X)	Σχ¹	Σχ		Ī	₹ _R	$\Box$	No. Ob				Mean No	of Hours w	th Temperor	nte		
Rel. Hum.	240615	33	5574	69.4	12.66	7	48	36	± 0 F	± 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	:   7	otol
Dry Bulb	289938				4.96		48				713.	0 585.	7 265.	В		7
Wet Bulb	235775				2.33		48				664					7
Dev Point	211389				2.63		48				303.			1		7

67-73,73-78

OLOPAL CLIMATOLOGY BRANCH US/FETAC Alm Weather Service/Mac

WHEELER AFB HI

225Cd STATION

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USAFETAC

Dew Point

#### PSYCHROMETRIC SUMMARY

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9300-0500 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 23 D.B./W.B. Dry Rulb | Wer Bulb | Dew Point (F) 7 / 69 33.3 63/ 67 56/ 65 66.7 54/ 63 62/ 61 TOTAL Mean No. of Hours with Temperature Rel. Hum. ± 32 F 267 F | 273 F | 280 F | 293 F 258 10F 22212 86.0 Dry Bulb 13874 204 3 93.0 68.0 Wet Bulb 12810 196 31.0

73-74

CLU-AL CLIMATOLOGY BRAYCH LEAFETAC PSYCHROMETRIC SUMMARY AT- VEATHER SERVICE/MAC 22578 STATION MHEELER AFB HI 67-70,73-78 OCT STATION HAME 5666-3866 PAGE 1 HOURS (L. S. T.) Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 | 7 - 8 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. Dry Bulb | Wer Bulb | Dew Point (F) 7:/ 77 ·1 ·1 ·5 ·7 10 10 .7 1.7 2.8 2.1 70/ 75 74/ 73 6 3 63 .1 1.7 5.8 6.2 125 125 11 9 72/ 71 .2, 5.0 5.7 6.0 22 174 174 47 7.1 69 .5 8.910.9 1.8 191 191 146 70 -511.9 7.7 .2 61/ 67 176 176 271 159 45/ 55 •1 5.9 1.5 242 92 92 244 64/ 53 61/61 3.3 114 238 28 104 • 4 15 5-/ 57 5 1.440.836.817.7 3.1 866 866 866 ₹ õ 0.26.5 No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. 6329984 73754 7.498 866 ≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F 4240674 69.9 3.180 93 巻 60538 79.4 21.3 866 Dry Bulb 93 93 Wet Bulb 3871794 57864 66.8 2.513 865 51.2 1.4 3691825 56495 65.2 2.694

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Dew Point

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## PSYCHROMETRIC SUMMARY

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7c/ 75			7.5 1.									153			
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Element (X)	Σπ'		24				Vo. Obs.			Mean No.	of floors vi	th Tempera	ure		
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Rel. Hum.	42089	21	61903	66.6	9.76	1	930	= 0 F	1 32 1	F ≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Te	
Rel. Hum. Dry Bulb	42089 57296	21	61903 72936	66.6 78.4	9.76	17	930 930	±0F	1 32	F ≥ 67 F	273 F 0 89•	2 36 s	≥ 93 F	Tc	ç
Element (X) Rel. Hum. Dry Bulb Wet Bulb Dew Point	42089	21 20 42	61903	66.6 78.4	9.76 3.20 2.06	31 37 38	930	±0F	= 32	F ≥ 67 F	273 F 0 89 • 4 13 • 4	≥ 80 F 2 36 s	≥ 93 F	To	9 9 9

20508 AHIBLER AFS HI 67-73,73-72 STATION NAME WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulh, Wei Bulh De- Point -6/ 57 •: •1, •5 • 5 <u>.6/</u> 85 1.8 4.5 1.1 24/ 63 .3 1.1 3.1 7.5 7.8 1.1 ~2/ 81 .5 1.716.212.5 2.9 .8 4.113.7 1.2 1.2 1 79 7-/ 77 .3 1.2 5.1 2.3 75/ 75 1.4 1.5 1.3 .5 .5 .1 74/ 73 72/ 71 • 4 • 2 7 / 69 . 3 . 2 5-1 57 66/ 65 52/ 61 6 / 59 58/ 57 55/ 55 TOTAL .8 2.3 3.0 5.113.331.324.117.4 2.6 € 00. Element (X) No. Obs. 61.110.257 56737 930 Rel. Hum. 3565225 2 0 F ± 32 F 6387889 Dry Bulb 75185 80.8 3.219 930 92.9

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CLUEAL CLIMATCLOGY BRANCH

ATT WEATHER SERVICE/MAC

SUBFETAS

Wet Bulb

Dew Point

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#### **PSYCHROMETRIC SUMMARY**

OCT MONTH 1200-1400 HOURS (L. S. T.) P43E 1 TOTAL TOTAL I 11 1 1; 93 90 196 196 25<u>0</u>, 195 195 92 92 11 46 31 5 46 163 255 43 98 353 212 248 193 67 3 C 11 930 930 93C 430 Mean No. of Hours with Temperature ≥67 F | ≥73 F | ≥80 F | ≥93 F

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CLITAL CLIMATOLOGY BRANCH UNIFETIC PSYCHROMETRIC SUMMARY ATE MEATHER SERVICE/MAG 3 276 Y ARTELER AFD HI STATION NAME 67-70,73-78 PAGE 1 1500-1700 HOURS (L. S. T.) WET BU'S TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 5 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 (F) .E/ s7 *6/ 35 *4/ 83 .1 1.0 1.9 2.5 2.5 77 77 .5 1.9 5.5 6.7 1.1 2/ 51 147 147 - 1 75 .6 1.4 6.615.8 2.4 .3 252 252 .2 .6 3.512.5 5.9 2.3 .6 2.3 4.4 3.4 1.7 .3 75/ 77 235 235 75/ 75 115 118 29 -4/ 13 .9 .8 .2 50 50 109 72/ 71 • 2 19 19 252 47 127 338 5_/ 67 120 207 56/ 65 252 -/ 63 173 --/ 51 --/ 59 64 26 =-/ 57 5c/ 55 TOTAL 1.0 2.9 6.611.725.931.314.8 4.0 930 930 93J ý C 0.26.5 • Element (X) No. Obs. Mean No. of Hours with Temperature 4147252 Rel. Hum. 61364 66. dl0.286 ≥67 F ≥ 73 F > 80 F ≥ 93 F 5762727 Dry Bulb 90.0 73151 930 92.9 93 78.7 3.093 We: Bulb 4604659 65411 70.3 2.078 930 90.1 14.1 93 4074603 66.1 3.088 61491 930 40.7 2.5

OL BAL CLIMATOLOGY PRANCH USAFETAS **PSYCHROMETRIC SUMMARY** AIR FEATHER SERVICE/MAC STATION NHEELER AFE HI 57-72,73-78 STATION NAME PAGE 1 1830-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) -1/ 81 1 1:1 77 7:1 77 1 .2 .4 .2 -5 .5 3.1 4.9 .7 1.1 3.415.310.5 1.1 1.5 9.718.9 2.3 .2 85, 25 76/ 75 261 261 74/ 73 275 276 25 15 2.8 9.1 5.4 1.1 2.3 2.5 .6 .1 7:/ 71 197 7:1 57 44 44 322 99 55/ 67 <u>·i</u> ____.2 282 1 6/ 55 252 51/ 63 13C 45 cu/ 59 4 TOTAL ·1 8.126.943.419.9 2.3 ·1 831 831 ť, Ę **1** € æ 9 FORM JUL 64 77.0 7.520 -4.0 2.129 Nu. Oba Element (X) Mean No. of Hours with Temperature 4079634 Rel. Hum. 267 F 273 F 280 F 293 F 64024 831 ± 0 F 4552987 Dry Bulb 61485 831 93.0 70.6 93 93 93 3945217 57235 68.9 1.953 531 Wet Bulb 83.5 3.9 3663373 55133

CLOMAL CLIMATOLOGY ERANCH COAFLIAC AIR WEATHER SERVICE/MAC

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# PSYCHROMETRIC SUMMARY

											PAG	Ε1.	2100-	·2300 s. t.)
Те-р						PRESSION					TOTAL		TOTAL	
(F)	0 1-2 3-4 5-6	7 - 8 9 - 10	11 - 12	13 - 14 (1:	5 - 16   17 -	18:19 - 20	0:21 - 221	23 - 24 25 - 26	. 27 - 28,	29 - 301 + 3	D.S. W.B.	Dry Bulb	Wet Bulb ID	ew Point
7:/ 77		4			:		•			• -	3,	3	•	
70/ 75	1.5 1.5 2.										. 35		- 4	4
74/ 73	3.1 7.211.	-									164	104	5	
72/ 71	5.223.7 7.										160		36	15
7./ 69	13.517.9 2.	J									135	-	122	52
E-1 67	1.1 3.7										22	22	<u>zar</u>	<u> 121</u>
10/65									*				3 🕽	156
1 54/ 63	<del></del>	•											11	83
12/ 61														25
CZ/ 59		<del></del>												3
TOTAL	23.150.123.	7 3.1										459		459
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Element (X)	Σ ^χ ,	ZX	X	* <u>z</u>		Obs.	<u> </u>				rith Temperat	ure	<del> </del>	
Rei. Hum.	3192253	38153	83.1	5.48	1	459	± 0 F	± 32 F	≥ 67	F   × 73 F	≥ 80 F	≥ 93 F	Te	eta l
Dry Bulb	2352453	32847	71.5	2.01	1	459			93	.0 28	. 8l	1		93
Wet Bulb	2124051	31211	68.0			459			74		8			93
Dew Point	2014554	30388	66.2	2.43	8	459			38	. 9	8			93

SLIFAL CLIMATOLOGY BRANCH CAFETAC **PSYCHROMETRIC SUMMARY** AIR MEATHER SERVICE/MAC STATION AMEELER AFO HI 67-72,73-78 STATION HAME PAGE 1 TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb De= Point WET BULB TEMPERATURE DEPRESSION (F) (F) 1 - 7 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 15 - 1/ 57 .3 .3 .2 .1 15 127 ŧ (4/ 8] .3 .1 .5 1.2 2.4 2.3 .3 334 334 4/ 81 .3 1.3 4.5 4.3 .9 573 573 .2 .8 3.3 8.0 .4 2.2 6.2 2.6 - 1 79 .2 3.3 3.6 1.1 .= .0 686 655 1 629 529 15 .7 2.7 5.5 4.5 .3 7:1 75 576 104 676 19 7-/ 73 .3 1.2 4.3 6.3 .5 436 72/ 71 2.4 5.4 2.7 541 541 935 193 71/ 69 .3 3.1 4.J .6 396 395 1688 560 -/ 67 .2 7.2 1.3 .3 209 1122 1196 259 : 57 65 •1 1.6 •3 94 94 454 1407 54/ 63 .1 33 136 993 t2/ 61 .0 353 £ 1/ 59 105 5-7 57 5c/ 55 .712.018.518.716.517.9 9.7 5.h .7 .1 .0 4 ) O C. 0.26.5 **(1)** Σx Element (X) Ī Ne. Obs. Mean No. of Hours with Temperature USAFETAC Rel. Hum. 26445421 356253 72.312.721 4949 267 F | 273 F | 280 F | 293 F 724.6 552.3 211.7 28740224 376346 76.0 4.946 Dry Bulb 744 23834969 333215 69.4 2.575 4949 65C.3 79.8 744 Wet Bulb Dew Point 21585627 326535 4949 744

CL. AL CLIPATOLO Y EPANOM UCAFLITAC **PSYCHROMETRIC SUMMARY** AT RESTHER SERVICE/MAC ZZDIE A-EELER AFB -I STATION HAVE PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16-17-18 19-20-21-22-23-24-25-26-2) -28-29-30-231 D.B./W.B. Dry Bulb Wer Bulb; Dew Point -/ 67 50-0 50-0 50-0 4 4 1 1 15/ 65 627 51 *:/ 57 70716 50.0 50.0 0.26.5 (01. Element (X) No. Obs. Mean No. of Hours with Temperature 335 269 Rel. Hym. 28661 18091 : 0 F 90 . D 90 P 90 P 90 P Dry Bulb 67.3 4 •500 64.0 2.944 62.0 5.228 Wet Bulb 16410 256 4 22.5 15459

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* SLOBAL CLIMATOLOGY BRANCH USAFETAR **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC STATION WHEELER AFB HI 73-76,78 NOV 0300-0500 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp 1 - 2 3 - 4 5 - 6 7 - 8 9 : 3 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point 66/ 67 33.3 16.7 66/ 65 16.7 :4/ 63 16.7 1 16.7 62/ 61 63/ 59 58/ 57 56/ 55 65.716.7 TOTAL 16.7 X vx 85.7 9.606 Mean No. of Hou-s with Temperature Element (X) 44494 514 ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F Rel. H· m. # 0 F ≤ 32 F 65.5 2.258 62.7 2.733 61.0 3.688 25767 393 Dry Bulb 6 45.0 90 90 23600 378 Wer Bulb 22394 366 90 Dew Point 

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## **PSYCHROMETRIC SUMMARY**

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SECRAL CLIMATOLOGY SPANCH PSYCHROMETRIC SUMMARY USFFETAC AIF WEATHER SERVICE/MAC 22508 AHEELER AFB HI NOV 67-70,73-78 STATION NAME 0900-1100 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) 4/ 83 12 12 • 1 2.1 62/ 81 •5 2.8 6.1 •5 2.4 8.3 7.0 96 96 1.5 76/ 7 2.0 178 178 75 .5 1.7 6.411.5 3.2 1.1 5.5 3.0 3.2 1.4 761 209 209 74/ 73 170 170 32 72/ 711 .1 1.7 4.6 2.6 1.5 96 96 103 28 .3 2.3 2.3 1.0 70/ 69 5 5 55 341 70 58/ 67 . 1 . 8 14 282 185 56/ 65 247 150 54/ 63, 23 189 62/ 61 99 55/ 59 37 58/ 57 20 5e/ 55 5 ·7 6.615.021.126.820.6 7.2 1.6 TOTAL 885 885 885 ã õ Element (X) X No. Obs. Mean No. of Hours with Temperature 4548349 62687 Rel. Hum. 70.811.056 885 ± 0 F ≥ 67 F | ≥ 73 F | ≥ 80 F × 93 F ≤ 32 F 5048798 75.5 3.370 66778 885 11.0 Dry Bulb 39.7 72.9 90

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### **PSYCHROMETRIC SUMMARY**

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MHEELER AFB HI 67-70,73-78 STATION HAME 1500-1700 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) (F) c6/ 85 64/ 83 F2/ E1 .7 2.3 3.5 35 857 79 787 77 2.4 8.0 1.4 116 116 .5 1.9 9.3 2.6 6.8 188 188 76/ 75 .3 2.5 6.611.3 243 243 74/ 73 .5 2.5 6.5 3.J 1.6 124 124 31 72/ 71 2.4 3.4 2.8 86 1.1 3.1 1.1 .9 75/ 69 58 58 331 5<u>e/_67__</u> •5 •5 •9 18 282 66/ 6 95 54/ 63 52/ 61, 63/ 59 50/ 57 56/ 55 1.9 6.610.319.528.723.3 7.7 1.7 TOTAL 880 880 880

SECHAL CLIMATOLOGY BRANCH USAFETAC AI? REATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR MEATHER SERVICE/MAG 22805 MEELEP AFB HI STATION NAME 67-73,73-78 1800-2000 HOURS (L. S. T.) PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 75/ 77 .1 .4 .6 .2 2 .8 3 .3 1 1 11 70/ 75 74/ 73 1.9 5.913.4 2.8 190 2 190 72/ 71 73/ 69 .4 4.512.010.9 2.2 234 234 16 .3 5.613.3 4.7 .1 188 188 146 51 •4 4•0 4•2 1•3 •4 1•4 1•4 •4 50/ 67 300 76 76 56/ 65 217 237 F4/ 63 182 60 62/ 61 105 15 5E/ 59 58/ 57 56/ 55 TOTAL 1.417.437.833.7 9.2 .4 .1 781 781 0.26.5 (OL A) Mean No. of Hours with Temperature Element (X) ≥67 F = 73 F = 80 F = 93 F Rel. Hum. 62900 80.5 7.957 781 ± 0 F ≤ 32 F Total 71.3 2.479 67.1 2.166 90 90 90 Dry Buib 3973544 55674 781 86.8 29.4 Wet Bu!'s 3522040 52420 781 55.9 Dew Point 3302022 50738

3 SLOPAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIP REATHER SERVICE/MAC 22508 WHEELEP AFB HI 57-70,73-78 STATION STATION NAME MONTH PAGE 1 2100-2300 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 45-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point . 4 70/ 75 74/ 73 .7 2.7 2.5 .2 5.213.0 4.3 71 105 105 1 73/ 691 1.110.316.2 2.1 35] . Ż 133 133 60 1.114.211.7 51/ 57 126 125 148 89 56/ 65 5.4 4.0 45 141 115 45 44/ 63 110 1.1 67 59 ful 59 15 5ê/ 57 7 5e/ 55 2 TOTAL 445 2.736.947.610.8 2.0 445 445 a ತ 90 90 90 90 Element (X) Mean No. of Hours with Temperature 85.8 6.389 445 3294257 38165 ≥ 67 F ≥ 73 F Rel. Hum. ≤ 0 F ± 32 F ≥ 20 F ≥ 93 F 69.2 2.280 79.9 2134775 30805 445 6.3 Dry Bulb 29506 66.3 2.233 1958628 445 43.7 1670888 28828 Dew Point

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CLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SEPVICE/MAC

22504 *HEELER AFB HI

## PSYCHROMETRIC SUMMARY

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															P # 6	Ε 1	HOURS (	<u>l L</u> L. S. T.
Temp				WET	BULB T	EMPERA	TURE E	DEPRESS	ION (F)					1	TOTAL		TOTAL	
(F)	0 1-2 3	3 - 4 5 - 6	5 , 7 - 8	9 - 10	11 - 12	13 - 14 15	5 - 16 1	7 - 18 19	- 20 21	22 23 - 2	4 25 - 26	27 - 28 2	9 - 30	≥ 31 ¹	D.B./W.B.	Dry Bulb	Wet Bulb	Dew F
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CIAL	1.519.82	2.218	.315.2	214.1	6.7	1.8	•3	•1							4717			
		2.218		214.1														
Element (X)	Z _X ²		Z _X		X			No. Obs.							Tempera	ture	4717	
Element (X) Rei, Hum.	z _x , 27791	882	z _x 356	918	X 75.7	• _x		No. Obs. 471		20F	± 32 F	≥ 67 1	F 27	3 F	Temperat × 80 F	- 93 l	4717	Total
Element (X) Rei. Hum. Dry Bulb	z _x , 27791 25438	882	2x 3563 3456	918	X 75.7 73.3	*x 12.90 4.83	সূত্র	No. Obs. 471	7	20 F	± 32 F	≥ 67 1 664 .	6 39	3 F	Tempera	- 93 l	4717	Total 7
Element (X) Rei. Hum.	z _x , 27791	882 82 366	z _x 356	918 653 270	X 75.7 73.3 67.7	• _x	সূত্ৰ প্ৰ	No. Obs. 471	7	= 0 F	± 32 F	≥ 67 1	6 39	3 F	Temperat × 80 F	- 93 l	4717	

SELBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** ATA WEATHER SERVICE/MAC ŧ STATION WHEELER AFB HI DEC 55,78 STATION NAME 0000-0260 PAGE 1 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Buib Daw Point (F) 72/ 71 5.5 11.1 16.7 5.627.8 16.7 5.6 52/ 57 9 5 55/ 65 4 64/ 53 t2/ 61 6 6./ 57 1 TOTAL 18 5C.022.227.8 ٤. C C Ě €. C â ĺδ 2 de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company de la company G 10 E No. Obs. Mean No. of Hours with Temperature Element (X) CO CO 7.904 1530 267 F 273 F ≥80 F 293 F 131112 85.0 18 Dry Bulb 81009 1207 67.1 2.071 18 62.0 64.1 2.805 62.4 3.664 93 74118 1154 18 25.8 Wet Bulb 93 70291 1123 

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SLC-AL CLIMATOLOGY RRANCH USAFETAC AIP VEATHER SERVICE/MAC 22503 AMEELER AFB HI STATION STAT

## **PSYCHROMETRIC SUMMAF**

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STATION		STATION NAME					••	.ARS		FAGE	1 _	3303-05
Temp.		WE	T BULB	TEMPERATU	RE DEPRESSION	N (F)				TOTAL		TOTAL
(F)	0 1-2 3-4 5-	-6 7-8 9-10	11 - 14	13 - 14 15 -	16 17 - 18 19 -	20 21 - 22	23 - 24 25 - 26	27 - 28 29	- 30i × 31			
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64/ 63	5.3					•		i		1'	1	6
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Element (X)	żx'	Σχ	X	7,	No. Obs.			Maan No.	of Hours wi	ith Temperatus	10	
Rel. Hum.	158435	1777	88.9	5.373	20	± 0 F	± 32 F	≥ 67 F	≥ 73 F	2 8C F	≠ 93 F	Tot
Dry Bulb	86028	1310		3.426		<u> </u>		37.2				
Wet Bulb	80777	1269		3.692		I		14.0		<u> </u>		
Dew Point	77682	1244	62.2	4.008	20	1	L	14.0	4		j	⁻ l

J CECPAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AT * KEATHER SEPVICE/MAC #HEELER AFR HI 67-70,73-78 DEC 0600-0800 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 21 D.B. W.B. Dry Buib | Wet Bulb | Dew Poin 76/ 75 76/ 73 1 1! 72/ 71 70/ 69 .8 4.6 6.7 3.1 130 130 41 50/ 67 1.112.2 9.8 1.5 206 2C7 85 5 Z 56/ 55 .511.1 5.2 1.8 155 157 188 104 t4/ 63 .111.1 3.1 1.6 132 132 196 170 .2 8.5 1.3 .4 .1 4.8 .1 /2/ 61 87; **27** 137 170 61/ 59 42 42 113 142 20 50/ 57 . 4 1.9 20 .2 .5 56/ 55 17 6: 54/ 53 £2/ 51 2 43/ 47 24/ 43 TCTAL 3.357.428.6 9.2 1.5 926 826 825 0.26.5 (OL 7.389 Mean No. of Hours with Temperature No. Obs. Element (X) Ī 6367711 72267 826 ±0F 267 F = 73 F = 80 F = 93 F Dry Bulb 3581308 54380 65.7 3.448 328 43.1 3312504 63.2 3.277 ĢŦ 52238 826 Wet Bulb 34.3 3171895 51095

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SUCHAL CLIMATOLOGY PRANCH USAFETAG AIS MEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

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3 31											PAGE	1 .	1966-	11:
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									iI_	i		i		
Element (X)	Σχ:	Σχ	X	<b>₹</b>	No. Ob						th Temperatur			
Ret. Hom.	4855503	54913		11.109		88	20F	± 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F		otol
Dry Bulb	4700755	64537		3.426		88		ļ	90.3	+		<u> </u>		
Wer Bulb	3951836	59188		2.763		88		L	52.			<b> </b> -		
Der Point	3576885	56261	47.2	3.733	. 9	88		1	17.2	• [2	11	1	ì	

SLIFAL CLIMATOLOGY BRANCH LSAFETAC **PSYCHROMETRIC SUMMARY** ALP SEATHER SERVICE/MAC AREELER AFB HI 67-70,73-78 STATION NAME PAGE 1 1200-1400 WET BULB TEMPERATURE DEPRES: ON (F) TOTAL Temp. 8 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.8-W.B., Dry Bulb Wet Bulb Dem Point 6/ 35 • 1 1: . 4/ 83 .2 .2 1.0 3.3 e2/ 31 51 7:1 79 1.3 6.6 2.4 1.3 7:/ 77 7:/ 75 .3 7.5 7.4 5.2 184 154 1.6 4.3 8.9 7.8 2.5 296 134 74/ 73 .9 2.5 4.3 2.6 4.0 1.0 134 9 6 .1 2.3 2.1 2.2 3.1 1.5 .3 .8 1.5 1.9 1.3 .8 72/ 71 98 98 79. 7.7 65 667 67 4 2! 48 256 60 .1 1.1 19 19. 242 -6/ 65 172 54/ 63 £2/ 51 131 <u>د</u>ر/ 59 £ 3/ 57 63 56/ 55 54/ 53 38 ç 54/ 51 .6 4.9 8.512.324.031.115.3 2.9 370 870 87 d ã ತ Element (X) No. Obs. Mean No. of Hours with Temperature USAFETAC 3900553 870 267 F | 273 F | 280 F | 293 F Rel. Hum. 66.Q11.289 ± 0 F : 32 F 12.2 4988715 92.9 65815 75.6 3.366 879 75.3 Dry Bulb 3987362 67.6 2.684 Wet Bulb 58352 87C 63.6 1.9 3491045 55005 63.2 3.927 Dew Point

CLUBAL CLIMATOLOGY GRAVOH UCAFETAC AIR REATHER SERVICEMMAC

### **PSYCHROMETRIC SUMMARY**

TOTAL

22516 MEELER AFB HI 67-72,73-78 YEARS MOVIN

WET BULB TEMPERATURE DEPRESSION (F)

1500-1700 HOURS (L. S. T.)

(F) =	0 1-2 3-4 5	-6 7-8 9-10	11 - 12 1	3 - 14 :15 - 16	17 - 15 19 - 20	21 - 22 23 -	- 24 25 - 26	27 - 28 29 - 3	0  + 31	D.8.W.B. D.	y Bulb ; W	et Bulb ;D	ew Poin
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7 / 77	•5	.8 5.3 4.	9 2.2	•1 •	1			•		115	116		
75/ 75		4.3 9.5 5.		•1						194	194	<u> </u>	
74/ 73	.7 3.013	3.9 6.4 4.	• 2					-		222	222	8	5
72/ 71	.1 2.1 3.5									135	135	46	14
7_/ 59		1.5 2.3 1.	5 • Z							91	91	175	38
22/ 67	.7 1.9 1.2	<u>.8</u> .9 .	1		<del></del> -				_,	4 2	<u> 38</u>	274	99
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Rel. Hom.	4354174	60315	70.5 73.5 66.8	11.082	85è	206	132F	≥ 67 F i	≥ 73 F	1.3	• 93 F	; ;	

GEGRAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SEVVICE/MAC

AHEELER AFE HI

## PSYCHROMETRIC SUMMARY

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ry Bulb	35783		5142		2.595	740		1	79.3	9.5		1		9
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67-70,73-78

SLOBAL CLIMATOLOGY PRANCH USAFETAC AIR MEATHER SERVICE/MAC

22500 MHEELER AFB HI

### PSYCHROMETRIC SUMMARY

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Wet Bulb	1610333	24907		2.877	386		<del>                                     </del>	23.4		<del> </del>			<u>-</u>
Dew Point	1524919	24221		3.632	386		<del>  </del>	13.7		<del> </del>	<del> </del>	٠,	<del> 7</del>
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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR PEATHER SERVICE/MAC <u>22</u>573 AHEELER AFB HI 67-70,73-73 DEC STATION HAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Suib Wet Bulb Dew Point (F) 6/ 85 :4/ 83 =2/ 81 65 182 182 73/ . 1 . 4 3.1 2.8 379 379 1.7 2.3 4.9 562 562 07 1.9 5.4 2.7 2.2 617 618 20 12 s 3 72/ 71 1 2.6 4.3 5.J 2.7 719 .5 3.5 6.4 3.3 1.8 70/ 69 744 746 .5 4.9 4.9 1.9 596 63/ 67 . 7 595 1125 467 66/ 65 .2 3.5 2.2 1.3 344 345 1118 54/ 63 • 0 .0 2.5 1.2 197 197 690 963 52/ 61 .1 1.9 • 5 • 1 115 113 378 828 60/ 59 574 221 55/ . 4 21 341 • l: 21 68 56/ 55 • 1 19 165 54/ 53 56 52/ 51 50/ 49 40/ 47 £ 40/ 451 44/ 43 4602 1.421.122.420.316.712.8 4.6 4608 C 4692 4602 0 õ (} **X**___ 2 27 Mean No. of Hours with Temperature Element (X) No. Obs. O D USAFETAC 27320732 Rel. Hum. 349898 76.012.487 4602 10F # 32 F ≥67 F ≥ 73 F * 80 F ≥ 93 F 744 23.9 Dry Bulb 23428415 327839 71.1 4.754 4608 526.1 293.2 65.8 3.247 52.9 3.793 20001472 303024 4832 349.0 5.5 744 Wet Bulb 289475 18274741 Dew Point 4602

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

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Element (X)	Σχ¹	Zx	T X	+		Na. Qb				Mean	No. of H	lours wil	h Temperot	lute	L	<u> </u>
Rel. Hum.	309709440	417278		912.9	86	580		± 0 F	⊴ 32			73 F	≥ 80 F	≥ 93 F	F	Total
Dry Bulb	318080143	¥2854	<del>35</del> <del>73.</del>	5.5	64	580			+				12472.			87
Wet Bulb	263368520	39052		3 3.4		580					4 . 8 4				-	87
Dew Point	236830000	37016		8 3.7		580			<del>-1</del>	199		58.1		<del></del>		87

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIF REATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

22536

*HEELER AFB HI

STATION NAME

67-70,73-79

• • •		37	Old HAME										
IRS (LST)	JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	oct	NOV	DEC	ANNUAL
MEAN	•		72.0	67.3	70.3		72.1		70.3		67.3		
83-82 s b				.816	6.076		• 900		1.506		• 500	2.071	2.9
TOTAL OB	<u> </u>		1	6	4		7		5		4	18	
	62.3	40 5	66.5	65.9		- 60 n	69.9	70.0	68.5	68.3	65.5	65.5	65
C3-05 S D			2.385	-			3.185		00.5	00.0		3.426	4.1
			4	1.354		7	30103	19	2	3		20	1
TOTAL OB	s 26	6					<u>-</u>				<del></del>		
MEAN	64.1	63.7	65.1	66.9	68.7	70.4	71.2	71.7	71.0	69.9	67.6	65.7	
96-08 s b	4.007	3.511	2.954	2.880	3.985	2.967	2.979						4.1
TOTAL OB	s, 855	790	679	835	856	836	854	879	842	866	830	828	101
MEAN	71.1	71.4	72 1	-3.7	76.2	77.4	78.3	78.0	70.0	79.4	75.5	72.7	75
09-11 5 D				-								3.426	ŧ
	1		930	894	926				899		885		198
TOTAL OB	31 700	040	730		720	376	721			730	055		133
MEAN	74.3		75.2				81.3					75.6	
12-14 s p	3.379	3.876	3.281	3.411	3.043	2.973	2.779	2.980	2 . 975	3.219	3.516	3.366	4.3
TOTAL OF	s 906	845	929	893	928:	897	926	930	598	930	886	870	108
	1 77 7	77 7	73.9	711 3	77 0	72.0	00 1	91 0	90 5	70 7	75 5	73.5	76
MEAN	72.8	1200	7 274	7 703	7 105	2 015	2 012	2 224	2 075	7 007	7 700	3.230	
15~17 s b													108
TOTAL OB	s 902	845	929	894	530	896	922	727	677	930	000	536	103
MEAN	68.7		69.4		72.5			75.9				69.5	
8-29 s o	2.865	2.933	2.499	2.576	2.646	2.422	2.495	2.236	2.133	2.129	2.479	2.595	3.6
TOTAL OB	s 813	776	380	830	845	823	827	850	824	831	781	740	98
			·										
MEAN	66.1	•				71.4	1 :					67.6	
21-23; s o										1	1	2.634	ž.
TOTAL OF	455	440	477	456	468	446	453	489	466	459	445	388	54
i													
MEAN	69.9											71.1	
ALL S. D	4.975			4.655								4.754	
TOTAL OF	s 4853	4548	5029	48:7	4957	4901	4923	5017	4835	4949	4717	4608	589

USAFETAC FORM 0.89-5 (OLI)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP MEATHER SERVICE/MAC

### **MEANS AND STANDARD DEVIATIONS**

WET-BULB TEMPERATURES DEG F FROM HOURLY DESERVATIONS

22508

#HEELER AFS HI

67-70,73-79

5"A" ON

STATION NAME

YEAPS

HRS ILST	i	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	oct	NOV	DEC	ANNUAL
	MEAN			68.D	64.3	64.8		67.1		67.3		64.0	64.1	65.2
00-02	5 D				.816	2.062		1.345		.816		2.944	2.805	2.512
	TOTAL OBS			1	6	4		7		6		4	18	46
	MEAN	60.3	59.3	63.5	53.1		65.7	66.1	68.D	66.D	65.3	62.7	63.5	63.2
03-05	5 D	3.187	2.733	1.732	1.167		1.254	1.864	1.633			2.733	3.692	3.676
	TOTAL OBS	26	6	4	9		7	7	10	2	3	6	20	100
	MEAN ,	61.5	61.3	52.2	63.6	65.1	56.4	67.1	67.8	67.4	66.8	65.1	63.2	64.9
C5-08	5 D	3.817	3.337	2.736	2.337	2.187	2.011	2.021	2.083	2.037	2.513	2.608	3.277	3.454
	TOTAL OSS	855	790	679	835	856	835	854	879	842	866	830	826	10147
											<del></del>			
	ME/ I	65.5	65.2	65.4	66.5	58.D	69.2	69.9	70.6	70.7	70.3	68.6	66.7	68.1
09-11	S 0 (	2.996	2.995	2.225	2.432	1.982	2.082	1.894	1.955	1.853	2.068	2.140	2.763	3.075
	TOTAL CBS	906	846	930	894	926	895	927	930	899	930	885	888	10856
		<del></del>												
	MEAN	56.6	66.4	66.4	67.3	68.7	69.9	70.7	71.4	71.4.	70.9	69.4	67.6	58.9
12-14	SD !	2.729	2.981	2.280	2.485	1.831	2.143	2.057	2.089	1.902	2.051	2.145	2.684	2.983
	TOTAL OBS	936	845	929	393	928	897	926	930	898	930,	886	870	10838
	i										7			
	MEAN	65.9		65.9				70.2				63.6		68.3
15-17	S D {	2.777	2.884	2.250	2.402	1.829	2.066	1.997	2.133	1.869	2.078	2.117	2.791	2.996
	TOTAL OBS	902	845	929	894	930	896;	922	929	899	930	880	856	10812
						:								
	MEAN	64.4	64.1	64.3	65.1	66.7	67.8	68.6	69.3	69.2	68.9	57.1	65.3	66.7
18-20	SD	2.937	2.923	2.166	2.307	1.955	1.966	1.834	1.803	1.722	1.953	2.166	2.734	2.963
	TOTAL OSS	812	776	880	830:	845	823	827	850	824	831	781	738	9817
											,			
	MEAN	63.1	62.6	63.5	64.3	65.7	66.8	67.6	68.5	68.4	68.0	66.3	64.5	65.8
21-23	S D	3.217	3.046	2.179	2.146	1.828	1.800	1.702	1.721	1.639	1.966;	2.233	2.877	3.039
;	TOTAL OBS	455	440	477	456	468	446	453	439	466	459	445	336	5440
				i										
	MEAN	64.7	64.4	64.7	65.7	67.2	68.4	69.2	69.9	69.8	69.4	67.7	65.8	67.3
ALL	S D	3.511	3.513	2.741	2.719	2.350	2.409	2.353	2.386	2.338	2,578	2.708	3.247	3.417
HOURS	TOTAL OBS	4862	4548	5029	4817	4957	4799	4923	5017	4836	4949	4717	4602	58056

USAFETAC JUL 54 0.89.5 (OLI)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AI- AEATHER SERVICE/MAC

### MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

 67-70,73-79

HRS (LST)		JAN	fat	MAR	APR	MAY	אטנ	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN			66.0	•	61.5		64.5		65.8		62.9		53.
00+02	S D				.816	•577		1.902		1.169		5.228	3.664	3.12
	TOTAL OBS		<del></del>		6	4		<del>7</del>				4	18	
	MEAN	59.0	58.5	52.0	61.7	<del></del>	64.4	64.3	66.5	64.5	63.7	61.0	62.2	
23-85	S C i	3.311	2.811	2.449	1.732		1.512	1.704	2 714			3.688	4.008	3.79
	TOTAL OBS	26	6	4	9	<del></del>	7		10	2	3	6	20	10
	MEAN	6C.2	59.9	60.5	61.7	63.1	64.4	65.0	65.9	65.7	65.2	63.8	61.9	63.
06-08	S D	4.223	3.869	3.264	2.789	2.532	2.371	2.365	2.415	2.157	2.694	2.972	3.692	3.66
	TOTAL OBS	855	790	879	835.	856	835	<u>854.</u>	879	842	866	830	826	1014
	MEAN	62.2	61.6	61.5	62.4	63.6	64.9	65.5	66.5	66.4	66.2	65.1	63.4	64.
00-11	S D	4.145	4.145	3.345	3.461	2.975	3.096	2.774	2.798	2.654	2.866	3.052	3.733	3.75
	TOTAL OBS	906	846	930	894	926	895	927	930	899.	930	885	888	1085
	MEAN	62.0	61.5	61.2	62.1	63.4	64.5	65.3	66.1	66 • D:	65.9	65.0	63.2	63.
12-14	,								-	- 1	3.132			3.93
	TOTAL OBS	906			893	928	1	,	ì	1	930		870	1083
							i		:		<u>.</u>			
	MEAN		61.4				64.5			65.9			63.1	63.
15-17											3.088			3.80
	TOTAL OBS	902	845	929	854	930	896	922	929	899	930	880	856	1081
	MEAN	61.9			62.0						66.3			1
16-20	5 D	3.789	3.884	2.985	3.147	2.693	2.777	2.569	2.483	2 . 440	2.587	2.728	3.473	3.51
	TOTAL OBS	812	776	880	830	845	823	827	850	824	831	781	738	981
<del></del>	MEAN	61.4	60.6	61.2	62.2	63.6	64.4	65.2	66.2	56.3	66.2	64.8	62.7	63.
21-23	5. D	3.903	3.865	3.002	2.867	2.507	2.416	2.315	2.334	2.124	2.438	2.748	3.632	3.51
Ì	TOTAL OES	455	440	477	456	468	446	453	489	466	459	445	386	544
				()	(3.1		- C 13 F	(5 3				641 2	(2.0	6.7
ALL	MEAN	61.7												
HOURS '	S D					1							3.793	3.73
i	TOTAL OBS	4862	4548	5029	4817	4957	4799	4723	5017	4836	4949	4717	4602	5805

USAFETAC FORM 0.89-5 (OLI)

### **RELATIVE HUMIDITY**

22508

WHEELER AFB HI

68-70,73-79

JAN

STATION

STATION NAME

PERIOD

MONT

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	YE HUMIDITY	GREATER THAN	l		MEAN	TOTAL
MONTH	(LST)	10••	20%	30••	40%	50%	60%	70%	80*•	90%	RELATIVE HUMIDITY	NO OF OBS
JAN	30-02					<u> </u>						<u> </u>
	C3-05	100.0	100.6	100.0	100.0	100.0	100.0	100.0	92.3	46.2	88.8	26
	G6-D8	100.0	100.0	100.0	100.0	100.0	99.5	95.9	84.7	42.0	88.1	855
	C9-11	100.0	100.0	100.0	100.0	99.1	82.1	59.2	31.2	7.0	73.9	906
	12-14	100.0	100-0	100.0	99,9	93.7	62.5	32.1	15.2	4.4	66.3	906
	15-17	100.0	100=0	107.0	100.0	97.2	77-1	40.4	19.3	4.9	69.3	902
	18-20	100.0	100.0	100.0	100.0	100.0	98.5	82.0	48.9	9.7	79.4	812
	21-23	100.0	100.0	100.0	100.0	100.0	99•6	94.5	74.9	18.2	84.8	455
										<b> </b>		
το	TALS	100.0	100.0	100.0	100.3	98.6	89.3	72.0	52.4	18.9	78.7	4862

USAFETAC

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0-87-5 (UL A)

### **RELATIVE HUMIDITY**

22508

.HEELER AFB HI

68-70,73-79

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MONT

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY	GREATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(151)	10%	20%	30.	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS
FEB	CO-02	-!	<del>-                                    </del>	<u> </u>	<u> </u>	ļ	ļ			ļ	<u> </u>	! !
	C3-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	83.3	92.8	6
	06-08	100.0	100.0	100.0	100.0	100.0	98.9	93.7	81.0	38.5	87.4	790
	09-11	100.0	100.0	100.0	100.0	97.2	83.3	55.6	25.5	5.9	71.9	846
	12-14	100.0	100.0	100.0	99.9	87.5	54.6	27.8	12.7	5.2	64.2	845
	15-17	100.0	100.0	100.0	99.8	94.1	69.D	35.1	16.D	5.0	67.3	845
	18-20	100.0	100.0	100.0	100.0	99.6	96.4	74.0	38.7	7.6	77.1	776
	21-23	100.0	100.0	100.0	100.0	100.0	99.1	91	68.0	14.1	83.1	440
<del>i</del> _					<del> </del>	<del> </del>			<u> </u>	<del> </del>		
TC	DTALS	100.0	100.0	100.0	100.0	96.9	85.9	68.2	48.9	22.8	77.7	4548

USAFETAC FORM 0-87-5 (OL A)

### RELATIVE HUMIDITY

22508

WHEELER AFR HI

65-70,73-79

MAR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		·	PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY	GREATER THAN	i		MEAN RELATIVE	TOTAL . NO OF
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	90.	90%	HUMIDITY	OSS.
MAP	CO-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	<u> </u>	81.0	1
	C3-05	100.C	100.0	100.0	100.0	100.0	100.0	100.0	75.0	50.0	85.8	4
	06-08	100.0	100.0	100.0	100.0	100.0	99.5	93.3	74.7	23.9	84.9	879
	39-11	100.0	100.0	100.0	99.9	97.2	78.6	43.8	21.2	3.7	69.8	930
	12-14	100.0	100.0	100.0	99.8	87.6	50.3	22.1	10.2	1.7	62.7	929
	15-17	100.0	100.0	100.0	100.0	94.0	62.5	26.0	11.8	1.1	65.1	929
	18-20	100.0	100.0	100.0	100.0	99.8	96.6	69.7	31.3	4.2	75.6	880
	21-23	100.0	100.0	100.0	190.0	99.6	99.4	91.2	59.5	9.2	81.3	477
									ļ	<u> </u>		
		-	-	-	-	-	-	<del> </del>	<del> </del>			
TC	TALS	100.0	100.0	100.0	100.0	97.3	85.9	68.3	48.0	11.7	75.8	5029

USAFETAC NICA 0-87-5 (OL A)

#### RELATIVE HUMIDITY

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MHEELER AFB HI

STATION NAME

68-70,73-79

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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USAFETAC

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100.0

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PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN MEAN TOTAL HOURS MONTH RELATIVE (LST) 70% 80% 90% 10. 20% 30% 50% 60% YTKIMUH 40% CBS 100.0 84.0 6 100.0 .100.0 100.0 100.0 100.0 100.0 100.0 APR 00-02 33-05 9 100.0 100.0 100.0 100.0 88.9 22.2 86.D 100.0 100.0 100.0 90.5 83.5 835 06-08 100.0 100.0 100.0 100.0 100.0 99.8 69.8 19.2 894 100.0 97.2 39.9 17.1 2.1 6E.5 .09-11 100.0 100.0 100.0 75.5 100.0 100.0 20.8 7.5 1.0 61.9 893 45.7 12-14 100.0 99.6 86.6 93.8 27.7 10.0 .8 64.8 394 15-17 100.0 100.0 100.0 99.8 61.4 3.6 75.1 830 100.0 100.0 100.0 100.0 99.6 96.5 69.2 31.3 18-20 11.0 81.9 456 100.0 100.0 100.0 100.0 100.0 92.8 63.4

97.2

84.9

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### RELATIVE HUMIDITY

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*HEELER AFB HI

68-70,73-79

MAY

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STATION NAME

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HTHON

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY G	KEATER TYAN			MEAN RELATIVE	TOTAL NO OF
HTMOM	(LST)	10%	20%	305	40%	50∿	60%	76 .	80%	90%	HUMIDITY	OBS
YAM	00-02	100.0	100.0	100.0	100.0	100.0	75.0	50.0	50.0		75.0	4
	03-05		!									
	D6-08	120.0	100.0	100.0	100.0	100.0	99.4	90.3	67.2	14.1	82.5	856
	09-11	100.0	100.0	100.0	99.9	95.7	62.4	28.8	10.3	1.2	65.5	926
	12-14	100.0	100.0	100.0	100.0	83.8	35.8	15.8	5.2	•6	60.1	928
	15-17	100.0	150.0	100.0	100.0	91.6	52.2	23.1	9.8	1.4	63.6	930
	18-20	100.0	100.0	100.0	100.0	100.0	94.8	61.9	24.7	3.6	73.~	845
	21-23	100.0	100.0	100.0	100.0	100.0	99.6	89.7	58.5	7.9	81.1	468
	1					<del> </del>						
TC.	)TALS	189.0	100-0	100.0	100.0	95.9	74.2	51.4	32.2	4.1	71.6	4957

USAFETAC

FCRM JUL 64 0-87-5 (OL A)

#### **RELATIVE HUMIDITY**

22508

*HEELER AFB HI

68-70,73-79

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN MEAN TOTAL HOURS MONTH RELATIVE NO CF (L S T) 10% 20% 80% HUMIDITY 40% JUN 30-02 100.0 100.0 100.0 85.7 28.6 88.1 7 100.0 100.0 100.0 03-05 100.0 81.5 335 100.0 1200.0 100.0 100.0 99.3 89.7 62.3 10.4 80-60 100.0 895 66.0 .59-11 100.0 100.0 100.0 100.0 95.3 63.7 33.4 10.9 1.1 59.8 897 12-14 100.0 100.0 100.0 99.8 81.2 37.6 13.9 4.5 1.9 896 89.6 47.3 6.C • 4 61.7 15-17 100.0 100.0 100.0 100.0 16.3 71.2 823: 55.3 15.4 1.9 100.0 100.0 100.0 99.9 99.5 18-20 1100.0 78.8 446 100.0 100.0 99.6 91.0 43.0 3.1 21-23 100.0 100.0 100.0 TOTALS 4799 72.4 100.0 100.0 130.0 100.0 32.6

USAFETAC FORM 0-87-5 (OL A)

### **RELATIVE HUMIDITY**

22508 WHEELER AFB HI

68-70,73-79

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# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY	GREATER THAN	1		MEAN	JATOT PO CM
MONIN	(LST)	10%	26'•	30**	1 40%	50*•	60%	70%	80%	90*+	RELATIVE HUM:DITY	NO OF OSS.
JUL	50-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	28.5		76.9	7
	23 05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	57-1	:	82.4	7
	80-43	1100.0	100.0	100.0	100.0	100.0	98.9	88.8	59.4	9.0	81.0	854
	09-11	100.0	100.0	100.9	100.0	97.4	61.5	28.0	7-8	1.5	65.3	927
	12-14	100.0	190.0	100.0	100.5	82.5	32.7	9.5	2.5	•6	58.8	926
	15-17	100.0	100.0	100.0	100.0	38.9	43.7	14.5	3.5	•5	60.9	^22
	18-26	100.0	100.0	100.0	100.0	99.8	88.5	55.6	12.0	1.2	70.8	827
	21-23	109.0	100.0	100.0	100.0	100.0	190.0	91.2	39.5	3.8	78.4	453
		 <del>-  </del>	<del></del>	<b>_</b>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	ļ		
	<del> </del>	<del> </del>	<del> </del>	<b></b>	<u> </u>	<u> </u>	<del> </del>	<del>                                     </del>	<del> </del>	<b></b>	<u> </u>	
	<u> </u>			<del> </del>	<del> </del>	<b></b>	<del> </del>		<del> </del>			
-		-	_	-	-	-	<del></del>	-	<del> </del>	<u> </u>		
10	TALS	100.0	100.0	105.0	100.0	96.1	78.2	61.0	26.3	2.1	71.8	4923

USAFETAC POINT 0-87-5 (OL A)

### **RELATIVE HUMIDITY**

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WHEELER AFB HI

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY C	GREATER THAN			MEAN RELATIVE	TOTAL NO OF OBS
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	
AUG	00-02				<u> </u>		<u> </u>	<u> </u>	<u></u>			
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0		85.8	10
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	92.2	63.9	9.8	82.0	879
	09-11	100.0	100.0	100.0	100.0	97.4	66.3	29.1	10.1	1.4	66.2	930
	12-14	100.0	100.0	100.0	99.8	84.3	30.6	9.6	3.2	.4	58.5	930
	15-17	100.0	100.0	100.0	99.9	92.7	40.0	12.8	2.2	•1	60.5	929
	18-20	100.0	100.0	100.0	100.0	100.0	91.9	60.1	11.8	•8	71.4	85(
· · · · · · · · · · · · · · · · · · ·	21-23	100.0	100.0	100.0	100.0	100.0	100.0	96.1	38.0	4.3	78.6	489
<del></del>				-		<u> </u>						
τo	TALS	100.0	100.0	100.0	100.0	96.3	75.5	57.1	31.3	2.4	71.9	501

USAFETAC FORM 0-87-5 (OL A)

#### **RELATIVE HUMIDITY**

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WHEELER AFB HI

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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MEAN PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN TOTAL HOURS RELATIVE NO OF HTHOM (L S T) 20% HUMICITY CBS. 87.3 100.0 85.5 6 20-03 100.0 100.0 100.0 100.0 100.0 100.0 SEP 100.0 2 100.0 100.0 50.0 87.0 03-05 100.0 100.0 100.0 100.0 100.0 83.4 842 100.0 99.9 99.6 95.6 71.7 10.1 06-08 100.0 100.0 160.0 100.0 100.0 99.9 99.8 97.2 61.7 28.6 6.7 .8 65.D 899 09-11 898 100.0 100.0 99.9 99.6 82.0 32.3 10.7 3.9 58.6 12-14 • 6 899 100.0 100.0 100.0 99.9 91.3 43.8 16.7 6.6 .8 61.8 15-17 78.5 18.7 1.2 73.6 824 18-20 100.0 100.0 100.0 100.0 100.0 96.1 100.0 100.0 100.0 100.0 100.0 100.0 97.9 51.3 4.1 80.3 466 21-23 100.0 42.8 74.4 4836 TOTALS 100.0 100.0 99.9 96.3 79.2 65.0 8.5

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PORM JUL 64 0-87-5 (OL A)

### **RELATIVE HUMIDITY**

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WHEELER AFB HI

STATION NAME

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY C	GREATER THAN	ł		MEAN RELATIVE	TOTAL NO OF OBS.
MONTH	(LST)	10:•	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	
OCT	00-02		<u> </u>			<u> </u>	<u> </u>	ļ				
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.6	<u> </u>	86.0	3
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	97.3	76.6	19.7	85.2	866
	09-11	100.0	100.0	100.0	99.9	96.8	68.5	33.7	9.2	1.5	66.6	930
	12-14	100.0	200.0	100.0	100.0	87.D	42.0	15.3	6 • D	1.6	61.1	930
	15-17	100.0	100.0	100.0	100.0	96.5	64.6	29.4	10.4	1.8	66.0	930
	18-20	100.0	100.0	100.0	100.0	100.0	99.3	85.6	33.1	3.5	77.0	831
	21-23	0.00	100.0	100.0	100.0	100.0	100.0	97.6	70.4	9.2	83.1	459
			-		<del>                                     </del>			1				
				ļ		-		<b></b>				
īC	OTALS	100.0	100.6	186.0	190.0	97.2	82.0	65.6	43.7	5.3	75.0	4949

USAFETAC JUL 64 0-37-5 (OL A)

### RELATIVE HUMIDITY

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*HEELER AFB HI

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# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	!		MEAN RELATIVE	TOTAL NO OF
MONTH	(LST)	10*•	20%	30%	40%	50%	60%	70%	50%	90%	HUMIDITY	OBS
NOV	00-02	100.0	100.C	100.0	100.0	100.0	100.0	75.0	50.0	50.0	83.8	4
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	83.3	83.3	16.7	85.7	6
	C6-08	100.0	100.0	100.0	100.0	100.0	100.0	97.1	85.1	32.3	87.5	830
:	39-11	100.0	100.0	100.0	100.0	98∙0	80.7	50.7	21.5	4.4	70.8	885
	12-14	100.0	100.0	100.0	99.7	93.5	53.5	31.3	13.7	3.5	65.3	886
	15-17	100.0	100.0	100.0	100.0	98.3	79.7	46.9	19.5	4.9	70.3	880
	18-20	100.0	100.0	100.0	100.0	100.0	99.9	91.0	53.4	8.5	80.5	781
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	97.3	83.8	16.6	85.8	445
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			1							<u> </u>		
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TC	TALS	100.0	100.0	100-0	100.0	98.7	89.2	71.5	51.3	17.1	78.7	4717

USAFETAC

PORM IUL 64 0-87-5 (OL A)

## RELATIVE HUMIDITY

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

40.474	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY	GREATER THAN			MEAN RELATIVE	TOTAL NO OF
HTHOM	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
DEC	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	66.7	22.2	85.0	18
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0	40.0	88,9	20
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	96.9	84.3	32.3	87.5	826
	69-11	100.0	100.0	150.0	100.0	99.5	86.8	56.4	27.6	6.0	73.1	888
	12-14	100.0	100.0	100.0	100.0	95.4	61.1	30.7	13.6	2.8	66.0	870
	15-17	100.0	100.0	100.0	150.0	98.5	82.0	47.3	19.6	5.0	70.5	856
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	86.7	50.4	8.3	80.0	738
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	94+0	74.4	20.7	84.5	386
·	<del>                                     </del>	<del> </del>				1						
TO	TALS	100.0	100.0	100.0	100.0	99.2	91.2	76+5	53.3	17.2	79.4	4602

USAFETAC FORM 0-87-5 (OL A)

### RELATIVE HUMIDITY

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WHEELER AFS HI

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# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HTAOM	HOURS	•		PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
HIACM	(LST)	10!•	20%	30%	40 á	50%	60%	70%	80%	90%	HUMIDITY	NO OF OBS
JAN	ALL	100.0	100.0	100.0	160.0	98.6	89.3	72.0	52.4	18.9	78.7	4862
FEB		100.0	100.0	100.0	100.0	96.9	85.9	68.2	48.8	22.8	77.7	4548
MAR		100.0	100.0	100.0	100.0	97.3	85.9	68.3	48.0	11.7	75.8	5029
APR		100.0	100.0	100.0	99.9	97.2	84.9	67.6	48.5	7.5	75.7	4817
MAY		100.0	100.0	100.0	100.0	95.9	74.2	51.4	32.2	4 - 1	71.6	4957
JUN		100.0	100.0	100.0	100.0	95.1	76.9	57.1	32.6	6.6	72.4	4799
JUL		100.0	100.0	100.0	100.0	96.1	78.2	61.0	26.3	2.1	71.8	4923
AUG		100.0	100.0	100.0	100.0	96.3	75.5	57.1	31.3	2.4	71.9	5017
SEP		100.0	100.0	100.0	99.9	96.3	79.2	65.0	42.8	8.5	74.4	4836
ост		100.0	100.0	100.0	100.0	97.2	82.0	65.6	43.7	5.3	75.0	4949
чол		100.0	100.0	100.0	100.0	98.7	89.2	71.6	51.3	17.1	78.7	4717
DEC		130.0	100.0	100-0	100.0	99.2	91.2	76.5	53.3	17.2	79.4	4602
10	TALS	100.0	100.0	100.0	100.0	97.1	82.7	65.1	42.6	10.4	75.3	58056

USAFETAC FORM 0-87-5 (OL A)

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART F

### PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

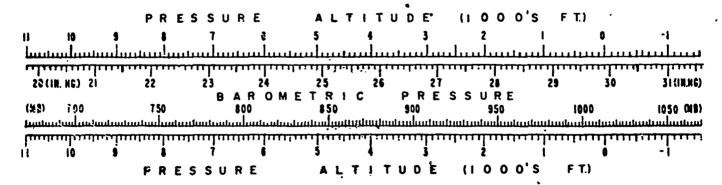
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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### MEANS AND STANDARD DEVIATIONS

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STATION PRESSURE IN INCHES HE FROM HOURLY OBSERVATIONS

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.055 10 29.14529.10829.11929.10029.03029.07729.093 29.139 .034 .037 .138 .023 .325 .079 .334 .065 .076 -083 5 0 L, 5 TOTAL OBS 26 6 29.09429.15029.18929.18929.18229.18029.16929.16429.14429.14229.13129.139 .103 .100 .389 .384 .861 .355 .351 .043 .046 .057 .088 .091 .030 5.0 310 310 298 298 309 310 310 TOTAL OBS 302 282 29.10629.15629.20129.19829.18429.18229.17229.17029.15129.14529.13629.147 •D84 .105 .098 .088 .052 .054 .052 .044 .046 .058 .088 .079 5.0 300 295 302 282 310 308 299 309 310 310 3618 29.03429.13129.14529.14929.14829.15129.14329.13329.10129.98829.07229.076 29.112 .104 .098 .088 .083 .062 .055 .052 .044 .047 .058 .085 .083 5 0 TOTAL OBS 310 298 310 299 308 310 390 310 3611 29.04329.09329.13129.13029.12929.13029.12229.11329.09029.08729.07929.085 29.103 .099 .098 .098 .080 .061 .055 .052 .043 .046 .057 .084 .090 17 SO 3599 TOTAL OBS 300 298 307 309 299 310 281 310 298 310 29.09429.14629.18429.17629.16929.16829.15829.14929.13429.13429.13329.132 .100 .093 .085 .081 .059 .052 .050 .039 .044 .055 .085 .091 SS TOTAL CBS 260 235 232 253 242 240 231 2851 MEAN | 28.96029.19029.13029.147 29.23029.12729.15029.16329.18029.21029.1631 29.156 .031 5 D TOTAL OBS 28 29.07529.13120.17029.16729.16229.16229.15229.14629.12429.11929.10929.116] MEAN .107 .102 .092 .086 .064 .057 .055 .048 .052 .063 .090 .095 .083 HOURS

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TOTAL OBS

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### MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HBS FROM HOURLY OBSERVATIONS

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